

PRODUCT CATALOG

MICROSCOPY  
AND LABORATORY  
DIAGNOSTICS



**EUREX** *medica*®

**EUREX MEDICA, spol. s r.o.**

Výstavní 604/111

703 00 Ostrava – Vítkovice

Tel.: 599 526 510,

Fax: 596 614 507

e-mail: [expedice@eurexmedica.cz](mailto:expedice@eurexmedica.cz)

web: <http://www.eurexmedica.cz>

*Are you looking for  
a new supplier with  
high quality products  
and best prices?*

*Well, you have just found us!*

**BioGnost Ltd.** manufactures products for histopathology, hematology, cytology and microbiology with national and international distribution.

We offer only the best quality products at competitive prices and one of the widest ranges of medical products in the South-Eastern Europe.

We are focused on anticipating and meeting customer needs with products and services that represent true value for the end user.

Our new catalog will make it even easier for you to find the products you require.

Visit us in Zagreb, Croatia. We are looking forward to meeting you.

Your BioGnost Team



# Manufacture and quality control

Constant enhancement of quality systems  
ISO 9001, ISO 13485, and ISO 14001

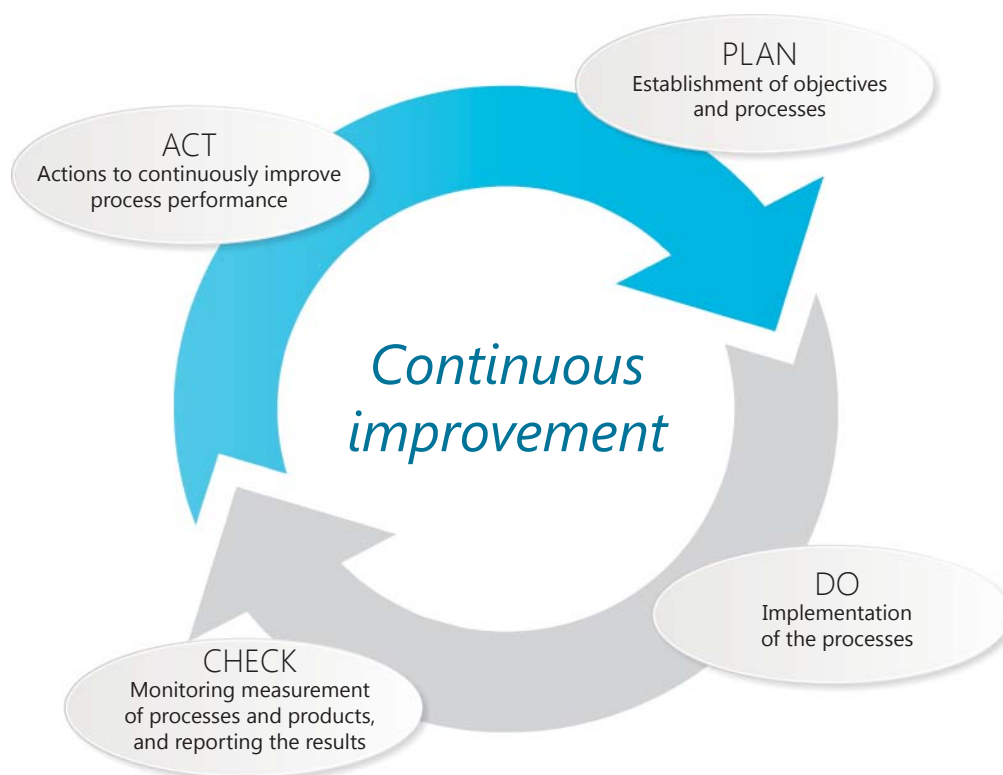
BioGnost's product and sales range is a direct result of business politics and the company's development. The range consists of wide selection of own products that are manufactured and distributed by a team of academically educated experts that aspire to continuous enhancement and expansion of sales ranges by expanding professionally, exploring the needs of a market and consulting with customers.

BioGnost's business cooperations are based on successful export of products owing to its employees' expertise.

Management of quality, sales and product distribution is in accordance with ISO 9001 standard. In that way we create a system of communication with our clients that enables us providing information about the products, queries, contracts, orders, feedback information and remarks.

In order to continue constant enhancement of the quality control system, we introduced ISO 13485 standard that presents a number of requests necessary for maintaining production quality of medical devices. All of our products are in accordance with Directive 98/79/EC and bear the CE mark.

By implementing the ISO 14001 environmental management system we were able to develop and apply business politics and goals that take into consideration various legal requests and information regarding environmental aspects.



# Content

<b>Microscopy</b>	<b>7</b>
Marking systems	8
Fixatives	10
Decalcifying solutions	13
Dehydrating and rehydrating agents	14
Clearing and deparaffinization agents	15
Mounting media	16
Immersion oils	20
Infiltration, embedding and demolding media	22
<b>Staining solutions for microscopy</b>	<b>25</b>
<b>Histology staining</b>	<b>26</b>
Hematoxylin reagents	26
Differentiation and bluing reagents for histology	28
Eosin solutions	29
<b>Cytology staining</b>	<b>30</b>
Papanicolaou (Pap) reagents	30
Differentiation and bluing reagents for cytology	30
<b>Hematology staining</b>	<b>32</b>
Bio-Diff kits	32
May-Gruenwald and Giemsa reagents	34
Additional staining solutions for hematology and cytology	35
<b>Bacteriology staining</b>	<b>36</b>
BioGram 4 kit	36
TB-Stain Hot kit	38
TB-Stain Cold kit	39
TB-Stain Fluorescence kit	40
<b>Fungal staining</b>	<b>41</b>
Solutions for staining and analysis of fungi	41
<b>Special staining for histology and cytology</b>	<b>42</b>
Special staining kits	42
Staining reagents and solutions	53
<b>Powdered dyes for use in microscopy</b>	<b>59</b>
<b>Chemicals</b>	<b>63</b>
Chemicals for laboratory use	64
Cleaning solutions for microscope lens and removal of immersion oil from slides	65
<b>Laboratory diagnostics</b>	<b>67</b>
VitroGnost slides for microscopy	68
Sample transport containers	71
Cassettes for histopathology	72
Pads and molds for histology	74
Equipment and accessories	74
Accessories for microtome and cryostat	75
Jars and stands for staining microscopy sections	77
Accessories for storing microscope sections	78
Brushes	80
Laboratory equipment for urine sediment analysis	81
Other laboratory equipment	81
<b>Index</b>	<b>83</b>

## OEM manufacture

Besides products from their own sales ranges, BioGnost also offers OEM manufacture for your company.

It includes wide range of services, such as label design, product packaging, instructions for use and certificates of analysis, as well as products manufactured according to your recipes. BioGnost guarantees high quality of OEM products, based on years of experience and successful cooperation with domestic and foreign business partners. We can manufacture various solutions and reagents in a variety of packagings (from 10 mL bottles to 1000 L containers).



# Microscopy

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Marking systems

Fixatives

Decalcifying solutions

Dehydrating and rehydrating agents

Clearing and deparaffinization agents

Mounting media

Immersion oils

Infiltration, embedding and demolding media



## Marking systems

Marking systems consist of dyes for permanent tissue marking and markers used for marking glass slides, cassettes and transport containers. Tissue marking dyes are used for marking and orientation of tissue samples sent for further histopathologic processing.

### Tissue marking dyes, set

Tissue marking dyes set 5x50 mL contains 5 dyes for tissue marking: green, yellow, black, red, and blue. The set includes wooden sticks and rack.

5x50 mL 3408-SET

### Tissue marking dyes, set

Tissue marking dyes set 7x50 mL contains 7 dyes for tissue marking: green, yellow, black, red, blue, orange, and lilac. The set does not include wooden sticks and rack.

7x50 mL 3408-SET-7

### Tissue marking dyes

For marking and orientation of tissue samples.

Tissue marking dyes, green	50 mL	3408-1-50
	100 mL	3408-1-100
	250 mL	3408-1-250

Tissue marking dyes, yellow	50 mL	3408-2-50
	100 mL	3408-2-100
	250 mL	3408-2-250

Tissue marking dyes, black	50 mL	3408-3-50
	100 mL	3408-3-100
	250 mL	3408-3-250

Tissue marking dyes, red	50 mL	3408-4-50
	100 mL	3408-4-100
	250 mL	3408-4-250

Tissue marking dyes, blue	50 mL	3408-5-50
	100 mL	3408-5-100
	250 mL	3408-5-250

Tissue marking dyes, orange	50 mL	3408-6-50
	100 mL	3408-6-100
	250 mL	3408-6-250

Tissue marking dyes, lilac	50 mL	3408-7-50
	100 mL	3408-7-100
	250 mL	3408-7-250





### Duoline marker pen

Professional marker pens for permanent labeling of cassettes, slides, and transport containers. With fine and thick marker pen tip.

1 pc MD-1

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### Write-On marker pen

Professional marker pens for permanent labeling of cassettes, slides, and transport containers.

1 pc M495-12

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### Liquid Blocker (PAP pen)

Pen with hydrophobic agent.

1 pc ML-1

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## Fixatives

Fixation is one of the most important steps in tissue processing, it prevents degradation and decomposition of tissue, and preserves morphological properties important for detecting pathological changes.

### 4% NB Formaldehyde

10% neutral buffered and stabilized formalin solution, pH 7.0.

1000 mL	FNB4-1L
5000 mL	FNB4-5L
10000 mL	FNB4-10L
20000 mL	FNB4-20L
10000 mL	FNB4C-10L (in cubitainer)
20000 mL	FNB4C-20L (in cubitainer)

### 4% Formaldehyde

Stabilized 10% formalin solution.

1000 mL	F4-1L
5000 mL	F4-5L
10000 mL	F4-10L
20000 mL	F4-20L

### 10% NB Formaldehyde

25% neutral buffered and stabilized formalin solution, pH 7.0.

1000 mL	FNB10-1L
5000 mL	FNB10-5L
10000 mL	FNB10-10L
20000 mL	FNB10-20L

### 10% Formaldehyde

Stabilized 25% formalin solution.

1000 mL	F10-1L
5000 mL	F10-5L
10000 mL	F10-10L
20000 mL	F10-20L

### Formaldehyde 37% for use in histology

100% formalin solution stable at low temperatures.

1000 mL	F37H-1L
5000 mL	F37H-5L
10000 mL	F37H-10L

### NB formaldehyde concentrated 5x

Concentrated neutral buffered formalin for preparation of 10% buffered formalin (synonym: 4% buffered formaldehyde) solution (pH 7.0).

For preparation of 5 L of 4% buffered formaldehyde	1000 mL	FK5X-1L
For preparation of 25 L of 4% buffered formaldehyde	5000 mL	FK5X-5L
For preparation of 50 L of 4% buffered formaldehyde	10000 mL	FK5X-10L



### BioFix

Methyl alcohol-based fixative for cryostat sections.

500 mL	BF-500
1000 mL	BF-1L

### BioFix C

Modified Carnoy fixative based on ethyl alcohol, chloroform, and acetic acid.

500 mL	BFC-500
1000 mL	BFC-1L
5000 mL	BFC-5L

### BioFix HD

Modified Hartmann/Davidson fixative that enables rapid fixation and better visualization of lymph nodes. The results provide clearer details of nucleus and minimize formalin pigment.

500 mL	BFHD-500
1000 mL	BFHD-1L

### BioForm S

Modified Schaeffer buffered fixative solution of formaldehyde in methanol.

1000 mL	BIOS-OT-1L
5000 mL	BIOS-OT-5L

### Bouin's solution

Aqueous solution of formaldehyde, trinitrophenol, and acetic acid for tissue fixation.

100 mL	BOU-OT-100
1000 mL	BOU-OT-1L
5000 mL	BOU-OT-5L
10000 mL	BOU-OT-10L

### CitoFix

Solution for fixation and transport of cytological samples.

1000 mL	CX-1L
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### CitoSpray

Solution for fixation of cytological smears in a spray bottle.

100 mL	CS-100
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### CitoSpray solution

Solution for fixation of cytological smears in a bottle, for refill of CitoSpray bottle.

1000 mL	CS-1L
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### DeHematin

Modified Kardasewitsch solution for depigmentation of tissues fixed in non-buffered formalin (after acid hematin occurs).

1000 mL	KO-OT-1L
5000 mL	KO-OT-5L



Fixatives

4% NB Formaldehyde in transport containers and tanks

10% neutral buffered and stabilized formalin solution, pH 7.0 in transport containers and tanks.

10% NB Formaldehyde in transport containers and tanks

25% neutral buffered and stabilized formalin solution, pH 7.0 in transport containers and tanks.

Container volume	Fixative volume	REF 4% NB Formaldehyde	REF 10% NB Formaldehyde
7 mL	4 mL	F4-7-4	F10-7-4
20 mL	10 mL	F4-20-10	F10-20-10
40 mL	20 mL	F4-40-20	F10-40-20
60 mL	30 mL	F4-60-30	F10-60-30
90 mL	45 mL	F4-90-45	F10-90-45
120 mL	60 mL	F4-120-60	F10-120-60
160 mL	80 mL	F4-160-80	F10-160-80
250 mL	125 mL	F4-250-125	F10-250-125
500 mL	250 mL	F4-500-250	F10-500-250
1000 mL	500 mL	F4-1000-500	F10-1000-500
2000 mL	1000 mL	F4-2000-1000	F10-2000-1000
2500 mL	1250 mL	F4-2500-1250	F10-2500-1250
3000 mL	1500 mL	F4-3000-1500	F10-3000-1500
5000 mL	2500 mL	F4-5000-2500	F10-5000-2500
10000 mL	5000 mL	F4-10000-5000	F10-10000-5000

New!

FormStop

10% neutral buffered formalin with protective barrier in transport containers.

Container volume	Fixative volume	Barrier volume	Product code
60 mL	30 mL	5 mL	F4B-60-35
90 mL	45 mL	5 mL	F4B-90-50
120 mL	60 mL	10 mL	F4B-120-70

For larger orders of customized formaldehyde and non-formaldehyde fixative solutions, contact us.



## Decalcifying solutions

Decalcifying agents most often contain inorganic or organic acids enabling rapid decalcification (i.e. calcium removal). Milder types of decalcifying agents containing chelate ions are used for decalcification of more sensitive types of tissue.

### OsteoFast 1

Light blue fixative and decalcifying solution for bone and hard tissue in histology, based on formaldehyde and hydrochloric acid.

1000 mL	OF1-OT-1L
2500 mL	OF1-OT-2.5L

### OsteoFast 2

Light yellow decalcifying solution for bone and hard tissue in histology, based on formaldehyde and formic acid.

1000 mL	OF2-OT-1L
2500 mL	OF2-OT-2.5L

### Osteosens

Decalcifying solution for sensitive calcified tissues in histology, contains EDTA.

1000 mL	OS-OT-1L
2500 mL	OS-OT-2.5L



## Dehydrating and rehydrating agents

Alcoholic solutions and absolute alcohol are ideal for histocytology processing, storing and transport of samples. They are often used during processing, dehydration and rehydration of histology and cytology samples.

### Histanol 50

50% ethyl alcohol solution.

1000 mL	H50-1L
5000 mL	H50-5L
10000 mL	H50-10L

### Histanol 70

70% ethyl alcohol solution.

1000 mL	H70-1L
5000 mL	H70-5L
10000 mL	H70-10L

### Histanol 80

80% ethyl alcohol solution.

1000 mL	H80-1L
5000 mL	H80-5L
10000 mL	H80-10L

### Histanol 95

95% ethyl alcohol solution.

1000 mL	H95-1L
5000 mL	H95-5L
10000 mL	H95-10L

### Histanol 96

96% ethyl alcohol solution.

1000 mL	H96-1L
5000 mL	H96-5L
10000 mL	H96-10L

### Histanol 100

100% ethyl alcohol solution.

1000 mL	H100-1L
5000 mL	H100-5L
10000 mL	H100-10L

### Histanol EP 95

95% ethyl and isopropyl alcohol solution.

1000 mL	HEP95-1L
5000 mL	HEP95-5L
10000 mL	HEP95-10L

### Histanol EP 100

100% ethyl and isopropyl alcohol solution.

1000 mL	HEP100-1L
5000 mL	HEP100-5L
10000 mL	HEP100-10L

### Histanol G

Glycerol for use in microscopy.

1000 mL	HG-1L
5000 mL	HG-5L
10000 mL	HG-10L

### Histanol IP

Isopropyl alcohol solution for use in microscopy.

1000 mL	HIP-1L
5000 mL	HIP-5L
10000 mL	HIP-10L

### Histanol M

Methyl alcohol solution for use in histology and cytology.

1000 mL	HM-1L
5000 mL	HM-5L
10000 mL	HM-10L





# Clearing and deparaffinization agents

Clearing agents are completely miscible with alcohol and paraffin, which makes them an ideal intermedium in histology and cytology processing. They are used multiple times during processing and staining of the section; before embedding the tissue in paraffin, for removing the paraffin from the section before staining and before covering the stained section using medium for permanent preservation.

<b>BioClear</b>	
Xylene-based medium for use in histology and cytology.	
1000 mL	BC-1L
5000 mL	BC-5L
10000 mL	BC-10L

<b>BioClear New</b>	
Xylene substitute. Based on aliphatic hydrocarbons, essentially no odor.	
1000 mL	BCN-1L
5000 mL	BCN-5L
10000 mL	BCN-10L





## Mounting media

### Ten different media for permanent covering of samples and mounting microscopy cover slips

In order to prepare permanent sections, stained samples must be covered with a medium that must fulfill several important criteria. One of the most important criteria is the suitable refractive index that must be similar to that of glass. Other criteria include a suitable solvent, polymer, and medium viscosity. After the sample is covered with medium, and cover slide is mounted, the section is protected from external factors and remains preserved for prolonged period of time. BioMount media do not crack nor turn yellow during sample storage.

### BioGnost's synthetic BioMount media properties

TYPE OF BIOMOUNT MEDIUM	SOLVENT	POLYMER	VISCOSITY @ 20°C (cSt)	REFRACTIVE INDEX @ 20°C ( $n_D$ )	USAGE IN AUTOMATED COVER SLIP MACHINES
BIOMOUNT DPX	xylene (BioClear)	S	850-950	1.5210-1.5230	-
BIOMOUNT DPX HIGH	xylene (BioClear)	S	1900-2100	1.5235-1.5255	-
BIOMOUNT DPX LOW	xylene (BioClear)	S	140-160	1.5115-1.5135	✓
BIOMOUNT DPX NEW*	xylene (BioClear)	S	450-650	1.5150-1.5180	✓
BIOMOUNT NEW	isoparaffin (BioClear New)	M	950-1050	1.4385-1.4395	-
BIOMOUNT NEW LOW	isoparaffin (BioClear New)	M	140-160	1.4345-1.4365	✓
BIOMOUNT	xylene (BioClear)	M	450-650	1.4920-1.4930	✓
BIOMOUNT HIGH	xylene (BioClear)	M	5000-5500	1.4900-1.4920	-
BIOMOUNT M	toluene	M	140-160	1.4900-1.4920	✓
BIOMOUNT C	xylene (BioClear)	M	5000-5500	1.4910-1.4925	-

Legend: M - methacrylate, S – styrene (polystyrene)

\* does not contain harmful dibutyl phthalate plasticizer

\*\* contact us to find out how to decrease viscosity of a medium

## Styrene-based media for permanent mounting

### BioMount DPX

Medium viscosity xylene-based medium for permanent covering of microscope samples and mounting cover slips.

100 mL	BM-100
250 mL	BM-250
500 mL	BM-500

### BioMount DPX High

High viscosity xylene-based medium for permanent covering of microscope samples and mounting cover slips.

100 mL	BMH-100
250 mL	BMH-250
500 mL	BMH-500

### BioMount DPX Low

Very low viscosity xylene-based medium for permanent covering of microscope samples and mounting cover slips.

100 mL	BML-100
250 mL	BML-250
500 mL	BML-500



### BioMount DPX New

Low viscosity xylene-based medium for permanent covering of microscope samples and mounting cover slips. Medium contains more environmentally friendly plasticizer instead of harmful dibutyl phthalate.

100 mL	BMLE-100
250 mL	BMLE-250
500 mL	BMLE-500

## Xylene substitute-based media for permanent mounting

### BioMount New

Medium viscosity universal medium for permanent covering of microscope samples deparaffinized using xylene substitute-based medium, as well as xylene-based medium.

30 mL	BMN-30
100 mL	BMN-100
250 mL	BMN-250
500 mL	BMN-500

### BioMount New Low

Very low viscosity universal medium for permanent covering of microscope samples deparaffinized using xylene substitute-based medium, as well as xylene-based medium.

30 mL	BMNL-30
100 mL	BMNL-100
250 mL	BMNL-250
500 mL	BMNL-500



## Mounting media

### Methacrylate-based media for permanent mounting

#### BioMount

Low viscosity xylene-based medium for permanent covering of microscope slides and mounting cover slips.

100 mL	BMT-100
250 mL	BMT-250
500 mL	BMT-500

#### BioMount High

Very high viscosity xylene-based medium for permanent covering of microscope samples and mounting cover slips.

100 mL	BMTH-100
250 mL	BMTH-250
500 mL	BMTH-500

#### BioMount M

Very low viscosity toluene-based medium for permanent covering of microscope samples and mounting cover slips.

100 mL	BMM-100
250 mL	BMM-250
500 mL	BMM-500



## Additional media for permanent mounting

### Canada Balsam

Very high viscosity natural medium for permanent covering of microscope slides and mounting cover slips.

100 mL	KB-100
250 mL	KB-250
500 mL	KB-500

\* in order to conserve and protect our environment, we advise using **BioMount C** synthetic medium

### BioMount C

Very high viscosity medium for permanent covering of microscope slides and mounting cover slips.

100 mL	BMC-100
250 mL	BMC-250
500 mL	BMC-500

\* excellent synthetic substitution for natural covering media, such as **Canada Balsam**



## Water-based media for mounting

### BioMount Aqua

Water-based medium for covering microscope slides and mounting cover slips. With application in immunostaining and other techniques.

30 mL	BMA-30
100 mL	BMA-100
250 mL	BMA-250
500 mL	BMA-500

## Immersion oils

### Seven different types of immersion oils for microscopical analysis

Immersion oils are mandatory for use in every laboratory, especially in hematology, cytology and microbiology. They are commonly used for high scale magnifications in order to secure high resolution and clear image of the section. There are several types of immersion oils that mutually differ according to viscosity and certain properties required by different microscopy techniques. They all have a common refractive index of 1.5150, equal to the refractive index of glass.

### BioGnost's Immersion oils properties

TYPE OF IMMERSION OIL	VISCOSITY @ 23°C (cSt)	COMBINING WITH OTHER TYPES OF OIL	TYPE OF MICROSCOPY
IMMERSION OIL	600-1100	Immersion oil type A Immersion oil type C	light
IMMERSION OIL TYPE A	100-150	Immersion oil Immersion oil type C	light
CEDARWOOD OIL	1500-2200	-	light
IMMERSION OIL TYPE C	1500-2200	Immersion oil Immersion oil type A	light
IMMERSION OIL TYPE FF	170	-	fluorescence
IMMERSION OIL TYPE 37*	1250**	-	light, for use at 37°C
IMMERSION OIL, TROPICAL GRADE***	1500-2200	-	light, for use at 27-29°C

\* refractive index  $n_D$  at 37°C = 1.5150

\*\* viscosity at 37°C

\*\*\* refractive index  $n_D$  at tropical temperatures = 1.515



## Immersion oil

Immersion oil for microscopical analysis with optimal viscosity of 600-1100 cSt.

10x10 mL	IU-1010
30 mL	IU-30
100 mL	IU-100
250 mL	IU-250
500 mL	IU-500

## Immersion oil type A

Immersion oil for microscopical analysis with low viscosity of 100-150 cSt.

10x10 mL	IUA-1010
30 mL	IUA-30
100 mL	IUA-100
250 mL	IUA-250
500 mL	IUA-500



## Cedarwood oil

Natural immersion oil for microscopical analysis with high viscosity of 1500-2200 cSt.

100 mL	CU-100
250 mL	CU-250
500 mL	CU-500

\* in order to conserve and protect our environment, we advise using **Immersion oil type C**

## Immersion oil type C

Immersion oil for microscopical analysis with high viscosity of 1500-2200 cSt.

100 mL	IUC-100
250 mL	IUC-250
500 mL	IUC-500

\* excellent synthetic substitution for natural immersion oils, such as **Cedarwood oil**

## Immersion oil type FF

Immersion oil for microscopical analysis in fluorescence microscopy because of complete absence of fluorescence.

100 mL	IUF-100
250 mL	IUF-250
500 mL	IUF-500

## Immersion oil type 37

Immersion oil for microscopical analysis with optimal refractive index and viscosity of 1250 cSt at 37°C.

100 mL	IU37-100
250 mL	IU37-250
500 mL	IU37-500

## Immersion oil, tropical grade

Immersion oil for microscopical analysis in tropical climates with optimal refractive index at 27-29°C.

10x10 mL	IUT-1010
30 mL	IUT-30
100 mL	IUT-100
250 mL	IUT-250
500 mL	IUT-500





## Infiltration, embedding and demolding media

Paraffin is the most commonly used medium for infiltration, embedding, and forming of tissue blocks. It provides support to the tissue block during cutting of thin histology sections.

### BioWax 52/54

Blend of paraffin waxes with low melting point at 52/54°C for processing wide range of different samples. Lower melting point makes it suitable for working with delicate tissues without deforming or damaging and allows good preservation of tissue morphology during processing.

1 kg	BW52/54-1
2 kg	BW52/54-2
10 kg	BW52/54-10

### BioWax 56/58

Blend of paraffin waxes with melting point at 56/58°C for optimal infiltration and routine work, enables easier formation of ribbons, virtually no cut resistance and better overall results.

1 kg	BW56/58-1
2 kg	BW56/58-2
10 kg	BW56/58-10

### BioWax Blue

Blend of blue paraffin waxes with melting point at 56/58°C and added plastic polymers for optimal infiltration. Especially suitable for small tissue samples. Blue color provides the contrast that enables easier visualization during processing. It is also recommended for use in immunoperoxidase methods.

1 kg	BWB-1
2 kg	BWB-2
10 kg	BWB-10

### BioWax Micro

Blend of paraffin waxes with melting point at 56/58°C for optimal infiltration and routine work. Microcrystalline additive allows high quality tissue infiltration, easy separation of the block, flexibility and excellent section shaping without deformation.

1 kg	BWM-1
2 kg	BWM-2
10 kg	BWM-10

### BioWax Plus 56/58

An optimal blend of paraffin wax and plastic polymers with melting point at 56/58°C. Its properties include low shrinkage rate during cooling down and excellent section creation without deformations. Provides excellent infiltration into tissues and reduces the tendency of tissue to crack.

1 kg	BWPLUS-1
2 kg	BWPLUS-2
10 kg	BWPLUS-10

### Micro Clean

Solution in spray bottle for rapid and efficient paraffin residue removal from work surfaces and instruments.

100 mL	MC-OT-100
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## CryoFix Gel

Embedding matrix for cryostat sectioning in different colors.

CryoFix Gel	100 mL	CF-100
CryoFix Gel pink	100 mL	CFR-100
CryoFix Gel blue	100 mL	CFP-100
CryoFix Gel green	100 mL	CFZ-100
CryoFix Gel yellow	100 mL	CFY-100



## Cryo Spray

Medium in spray bottle for freezing histological samples.

150 mL	08-SPRAY
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## DeMold Spray

Solution in spray bottle for easy removal of paraffin tissue blocks from the mold.

100 mL	DS-100
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## DeMold solution

Solution for refill of DeMold Spray bottle.

500 mL	DS-500
1000 mL	DS-1L

## New!

### Tissue Soft

Solution for softening the tissue embedded in paraffin block before microtome section.

500 mL	TS-500
1000 mL	TS-1L







## Hematoxylin reagents

### Nuclear stains for standard HE staining

#### Properties of BioGnost's Hematoxylin reagents

TYPE OF HEMATOXYLIN	CYTOLOGY	HISTOLOGY	IMMUNOHISTOCHEMISTRY	PROGRESSIVE METHOD	REGRESSIVE METHOD	FILTRATION
HEMATOXYLIN H	-	✓	-	✓	✓	recommended
HEMATOXYLIN M	-	✓	✓	✓	-	not necessary
HEMATOXYLIN ML	-	✓	✓	✓	✓	recommended
HEMATOXYLIN G1	✓	✓	✓	✓	-	not necessary
HEMATOXYLIN G2	✓	✓	✓	✓	-	not necessary
HEMATOXYLIN G3	✓	✓	-	✓	YES in histopathology NO in cytology	not necessary
HEMATOXYLIN CAR	-	✓	✓	✓	-	not necessary
HEMATOXYLIN COL	-	✓	✓	✓	✓	not necessary
HEMATOXYLIN HP, PAP 1A	✓	-	-	✓	✓	not necessary
HEMATOXYLIN HP, PAP 1B	✓	-	-	✓	✓	not necessary
HEMATOXYLIN W KIT	-	✓	✓	✓	acid resistant	not necessary
HEMATOXYLIN P.T.A.	-	✓	-	✓	-	not necessary

Each of BioGnost's Hematoxylin is specially stabilized in order to maintain the reagent's reactivity for prolonged periods of time, as well as to maintain the quality of the reagent. Every staining provides crystal clear and highly detailed image of cell's nucleus, which in turn makes abnormal or pathological changes easier to detect.





## Hematoxylin H

Modified hematoxylin according to Harris, most commonly used formulation in HE staining. Strong intensity reagent for progressive and regressive staining in histopathology.

100 mL	HEMH-OT-100
500 mL	HEMH-OT-500
1000 mL	HEMH-OT-1L
2500 mL	HEMH-OT-2.5L

## Hematoxylin M

Modified hematoxylin according to Mayer. Weaker intensity reagent for progressive staining in histopathology and counterstaining in immunohistochemistry.

100 mL	HEMM-OT-100
500 mL	HEMM-OT-500
1000 mL	HEMM-OT-1L
2500 mL	HEMM-OT-2.5L

## Hematoxylin ML

Modified hematoxylin according to Mayer-Lillie. Strong intensity new generation reagent for progressive and regressive staining in histopathology.

100 mL	HEMML-OT-100
500 mL	HEMML-OT-500
1000 mL	HEMML-OT-1L
2500 mL	HEMML-OT-2.5L

## Hematoxylin G1

Hematoxylin according to Gill, ideal for staining goblet cells. New generation reagent for delicate progressive staining in histopathology and cytology, and for counterstaining in immunohistochemistry.

100 mL	HEMG1-OT-100
500 mL	HEMG1-OT-500
1000 mL	HEMG1-OT-1L
2500 mL	HEMG1-OT-2.5L

## Hematoxylin G2

Hematoxylin according to Gill, contains double concentration of hematoxylin compared to Hematoxylin G1. Moderate intensity new generation reagent for progressive staining in histopathology and cytology, and for counterstaining in immunohistochemistry.

100 mL	HEMG2-OT-100
500 mL	HEMG2-OT-500
1000 mL	HEMG2-OT-1L
2500 mL	HEMG2-OT-2.5L

## Hematoxylin G3

Modified hematoxylin contains triple concentration of hematoxylin compared to Hematoxylin G1. Strong intensity new generation reagent for progressive and regressive staining in histopathology and progressive staining in cytology.

100 mL	HEMG3-OT-100
500 mL	HEMG3-OT-500
1000 mL	HEMG3-OT-1L
2500 mL	HEMG3-OT-2.5L





## Hematoxylin reagents

### Nuclear stains for standard HE staining

#### Hematoxylin W kit

Acid-resistant hematoxylin according to Weigert. Two-reagent kit that stains the nuclei blue-black, often a component of special staining kits for connective tissues.

2x100 mL	HEMW-K-100
2x500 mL	HEMW-K-500
2x1000 mL	HEMW-K-1L

#### Hematoxylin P.T.A.

Synonyms: Hematoxylin Phosphotungstic Acid, Mallory P.T.A.H. reagent. Simultaneously stains different types of tissue reddish-brown and blue. For differentiation between fibrin, smooth and cross-striated muscle fibers.

500 mL	HPTA-OT-500
1000 mL	HPTA-OT-1L

#### Hematoxylin CAR

Modified hematoxylin according to Carazzi for delicate nuclear staining without staining cytoplasmic components. Reagent for progressive staining of frozen sections in histopathology.

100 mL	HEMCA-OT-100
500 mL	HEMCA-OT-500
1000 mL	HEMCA-OT-1L

#### Hematoxylin COL

Modified hematoxylin according to Cole, contains iodine. Weaker intensity reagent for progressive and regressive staining in histopathology.

100 mL	HEMCO-OT-100
500 mL	HEMCO-OT-500
1000 mL	HEMCO-OT-1L

### New!

#### Hematoxylin Instant kit

Two-component kit that contains ready-to-use powders for preparation of hematoxylin reagent for progressive and regressive nuclear staining in histopathology and cytology.

for 1000 mL	HEMI-K-1L
for 6000 mL	HEMI-K-6L

#### Kit for rapid HE staining of frozen and paraffin-embedded sections

Ready-to-use eight-reagent kit (in 16 containers that can be used as staining jars) for rapid HE staining of frozen and paraffin tissue sections in histopathology. Contains xylene substitute as clearing agent and xylene substitute-based medium for permanent section covering.

for 100 tests	HE-100T
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## Differentiation and bluing reagents for histology

Differentiation enables clear visualization of the nucleus and nuclear structures, while the bluing reagent turns the nucleus blue.

#### Acid alcohol

Reagent for enabling crisp visualization of nuclear chromatin detail and removing of excess background dye after too intense (regressive) staining using hematoxylin.

1000 mL	KA-OT-1L
2500 mL	KA-OT-2.5L

#### Scott's solution

Buffered reagent for conversion of red hematoxylin stained nuclei to optimal blue.

1000 mL	SC-OT-1L
2500 mL	SC-OT-2.5L

# Eosin solutions

## Cytoplasmic stains for standard HE staining

Eosin Y (yellowish eosin) solutions are regularly used as counterstain to hematoxylin in standard histology HE staining method. Eosin Y is an anionic dye that stains basic cell components (such as cytoplasm, collagen, muscle fibers, and erythrocytes) bright red.

### Eosin Y aqueous solutions

Eosin Y aqueous solutions for cytoplasmic counterstaining.

Eosin Y 0.2% aqueous	1000 mL 2500 mL	EOY-02-OT-1L EOY-02-OT-2.5L
Eosin Y 0.5% aqueous	1000 mL 2500 mL	EOY-05-OT-1L EOY-05-OT-2.5L
Eosin Y 1% aqueous	1000 mL 2500 mL	EOY-10-OT-1L EOY-10-OT-2.5L
Eosin Y 2% aqueous	1000 mL 2500 mL	EOY-20-OT-1L EOY-20-OT-2.5L

### Alcoholic Eosin Y solutions

Alcoholic eosin Y solutions for cytoplasmic counterstaining.

Eosin Y 0.5% alcoholic	1000 mL 2500 mL	EOYA-05-OT-1L EOYA-05-OT-2.5L
Eosin Y 1% alcoholic	1000 mL 2500 mL	EOYA-10-OT-1L EOYA-10-OT-2.5L
Eosin Y 2% alcoholic	1000 mL 2500 mL	EOYA-20-OT-1L EOYA-20-OT-2.5L

### Eosin Contrast

Modified alcoholic solution for cytoplasmic counterstaining. The reagent contains Eosin Y and Phloxine B for enhanced counterstaining effect.

1000 mL 2500 mL	EOYK-OT-1L EOYK-OT-2.5L
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### Eosin Contrast PLUS

Modified alcoholic solution for intensive cytoplasmic counterstaining. Reagent contains eosin Y, Phloxine B, and Biebrich Scarlet dyes for additional counterstaining effect.

1000 mL 2500 mL	EOYKP-OT-1L EOYKP-OT-2.5L
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## New!

### Eosin Y instant

Mixture of powders for preparation of eosin reagent in aqueous or alcoholic medium.

Eosin Y Instant, aqueous	for 1000 mL	EOYI-AQ-1L
Eosin Y Instant, alcoholic	for 1000 mL	EOYI-ALC-1L



## Papanicolaou (Pap) reagents

### Nuclear and cytoplasmic reagents for Pap staining

Because of their simplicity of use and exceptional precision in diagnostics, reagents for staining according to Papanicolaou have substantially contributed to decreasing occurrence of cervical cancer. By using a simple staining protocol, BioGnost's Pap reagents enable excellent differentiation between cellular structures.

#### Hematoxylin HP, Pap 1A

Modified Harris hematoxylin solution for nuclear staining according to Papanicolaou. Strong intensity reagent for progressive and regressive staining in exfoliative cytology.

100 mL	HEMHP-OT-100
500 mL	HEMHP-OT-500
1000 mL	HEMHP-OT-1L
2500 mL	HEMHP-OT-2.5L

#### Hematoxylin HP, Pap 1B

Hematoxylin modified according to Harris for intensive nuclear staining according to Papanicolaou. Reagent for progressive and regressive staining in exfoliative cytology, with formulation stronger than Hematoxylin HP, Pap 1A.

100 mL	HEMHP1B-OT-100
500 mL	HEMHP1B -OT-500
1000 mL	HEMHP1B -OT-1L
2500 mL	HEMHP1B -OT-2.5L

#### Hematoxylin G1

Hematoxylin according to Gill, ideal for staining goblet cells. New generation reagent for delicate progressive staining in histopathology and cytology, and for counterstaining in immunohistochemistry.

100 mL	HEMG1-OT-100
500 mL	HEMG1-OT-500
1000 mL	HEMG1-OT-1L
2500 mL	HEMG1-OT-2.5L

#### Hematoxylin G2

Hematoxylin according to Gill, contains double concentration of hematoxylin compared to Hematoxylin G1. Moderate intensity new generation reagent for progressive staining in histopathology and cytology, and for counterstaining in immunohistochemistry.

100 mL	HEMG2-OT-100
500 mL	HEMG2-OT-500
1000 mL	HEMG2-OT-1L
2500 mL	HEMG2-OT-2.5L

#### Hematoxylin G3

Modified hematoxylin contains triple concentration of hematoxylin compared to Hematoxylin G1. Strong intensity new generation reagent for progressive and regressive staining in histopathology and progressive staining in cytology.

100 mL	HEMG3-OT-100
500 mL	HEMG3-OT-500
1000 mL	HEMG3-OT-1L
2500 mL	HEMG3-OT-2.5L

## Differentiation and bluing reagents for cytology

Differentiation enables clear visualization of the nucleus and nuclear structures, while the bluing reagent turns the nucleus blue.

#### HCL Pap reagent

Reagent for enabling crisp visualization of nuclear chromatin detail and removing of excess background dye after too intense (regressive) staining using hematoxylin.

1000 mL	HCLPAP-OT-1L
2500 mL	HCLPAP-OT-2.5L

#### Bluing reagent

Buffered reagent for conversion of red hematoxylin stained nuclei to optimal blue.

1000 mL	BR-OT-1L
2500 mL	BR-OT-2.5L

### OG-6 reagent, Pap 2A

Monochromatic reagent for counterstaining mature and keratinized squamous cell. Contains Orange G dye that stains the cytoplasm orange.

100 mL	OG6-OT-100
500 mL	OG6-OT-500
1000 mL	OG6-OT-1L
2500 mL	OG6-OT-2.5L

### Orange II reagent, Pap 2B

Monochromatic reagent for counterstaining mature and keratinized squamous cell. Contains Orange II dye that stains the cytoplasm intensive red.

100 mL	OR2-OT-100
500 mL	OR2-OT-500
1000 mL	OR2-OT-1L
2500 mL	OR2-OT-2.5L

### EA 31 reagent, Pap 3A

Polychromatic reagent for staining and differentiation of squamous cells. Counterstain for **gynecology** samples in cytology, contains the largest amount of green dye compared to other EA reagents. Stains the cytoplasm blue-green and pink, with emphasis on green and pink color.

100 mL	EA31-OT-100
500 mL	EA31-OT-500
1000 mL	EA31-OT-1L
2500 mL	EA31-OT-2.5L

### EA 50 reagent, Pap 3B

Polychromatic reagent for staining and differentiation of squamous cells. Counterstain for **gynecology** samples in cytology, stains the cytoplasm blue-green and pink, with emphasis on blue and pink color.

100 mL	EA50-OT-100
500 mL	EA50-OT-500
1000 mL	EA50-OT-1L
2500 mL	EA50-OT-2.5L

### EA 65 reagent, Pap 3C

Polychromatic reagent for staining and differentiation of squamous cells. Counterstain for **non-gynecology** samples in cytology, stains the cytoplasm red.

100 mL	EA65C-OT-100
500 mL	EA65C-OT-500
1000 mL	EA65C-OT-1L
2500 mL	EA65C-OT-2.5L

### EA 65 reagent, Pap 3D

Polychromatic reagent for staining and differentiation of squamous cells. Counterstain for **non-gynecology** samples in cytology, stains the cytoplasm light blue-green and pink.

100 mL	EA65D-OT-100
500 mL	EA65D-OT-500
1000 mL	EA65D-OT-1L
2500 mL	EA65D-OT-2.5L

### New!

#### Kit for rapid Pap staining

Ready-to-use eight-reagent kit (in 18 containers that can be used as staining jars) for rapid progressive gynecology and non-gynecology cytological samples. Contains xylene substitute as clearing agent and xylene substitute-based medium for permanent covering of samples.

for 100 tests      PAP-100T

#### Shorr's solution

Enables clear differentiation of eosinophilic and cyanophilic cells of cervical epithelium. It is also used for a better visualization of sperm morphology.

100 mL	SH-OT-100
500 mL	SH-OT-500
1000 mL	SH-OT-1L
2500 mL	SH-OT-2.5L



## Bio-Diff kits

### Rapid staining solutions for hematology, cytology and histology

Rapid diagnostic kits that provide precise staining results in short period of time, such as result provided with May-Gruenwald Giemsa staining method. Each component of Bio-Diff and Bio-Diff RTU kits is stabilized and prepared according to the highest standards.

#### Bio-Diff kit

Three-reagent kit that contains fixative agent, red and blue components for fast and effective staining. Each kit contains buffer tablets for consistent staining results.

3x100 mL	BD-K-100
3x500 mL	BD-K-500
3x1000 mL	BD-K-1L
3x2500 mL	BD-K-2.5L

#### Bio-Diff 1 reagent

Fixative agent, component of Bio-Diff kit.

100 mL	BD1-OT-100
500 mL	BD1-OT-500
1000 mL	BD1-OT-1L
2500 mL	BD1-OT-2.5L

#### Bio-Diff 2 reagent

Red component of Bio-Diff kit.

100 mL	BD2-OT-100
500 mL	BD2-OT-500
1000 mL	BD2-OT-1L
2500 mL	BD2-OT-2.5L

#### Bio-Diff 3 reagent

Blue component of Bio-Diff kit.

100 mL	BD3-OT-100
500 mL	BD3-OT-500
1000 mL	BD3-OT-1L
2500 mL	BD3-OT-2.5L

Staining done  
in 14 seconds\*



\* depending on the type of sample



### Bio-Diff RTU kit

Ready-to-Use three-reagent kit with reagents stored in containers that can be used as staining jars. Kit contains fixative agent, red and blue components for fast and effective staining and buffer tablet for consistent staining results.

3x100 mL BD-RTU-100

### Bio-Diff 1 RTU reagent

Fixative component Bio-Diff RTU kit.

100 mL BD1-RTU

### Bio-Diff 2 RTU reagent

Red component of Bio-Diff RTU kit.

100 mL BD2-RTU

### Bio-Diff 3 RTU reagent

Blue component of Bio-Diff RTU kit.

100 mL BD3-RTU



\* depending on the type of sample

### Buffer tablets pH 7.2

Phosphate buffer tablets for preparing buffer solutions used in hematology and histology. One buffer tablet is sufficient for preparation of 1000 mL of phosphate buffer solution.

50 pcs PT-72-50  
100 pcs PT-72-100

Use Buffer tablets pH 7.2 with Bio-Diff kits for optimal staining results.





## May-Gruenwald and Giemsa reagents

### Romanowsky staining solutions for hematology, cytology and histology

One of the most commonly used methods (Pappenheim) is May-Gruenwald Giemsa (MGG) for staining hematology and cytology materials, as well as cytology smears of hematopoietic organs. Giemsa solution is also used for staining histology sections.

#### May-Gruenwald solution

Polychromatic solution of Eosin Y, Methylene Blue and azure dyes. For staining in hematology, cytology and staining sections of hematopoietic organs in histopathology.

100 mL	MG-OT-100
10x100 mL	MG-OT-110
500 mL	MG-OT-500
1000 mL	MG-OT-1L
2500 mL	MG-OT-2.5L

#### Giemsa solution

Polychromatic solution of Eosin Y, Methylene Blue and azure dyes. For use in hematology, cytology, histology and for staining section samples of hematopoietic organs.

100 mL	GM-OT-100
10x100 mL	GM-OT-110
500 mL	GM-OT-500
1000 mL	GM-OT-1L
2500 mL	GM-OT-2.5L

#### Buffer tablets pH 6.8

Phosphate buffer tablets for preparing buffer solutions used in hematology and histology. One buffer tablet is sufficient for preparation of 1000 mL of phosphate buffer solution.

50 pcs	PT-68-50
100 pcs	PT-68-100

Use Buffer tablets pH 6.8 with May-Gruenwald Giemsa staining for optimal staining results.



## Additional staining solutions for hematology and cytology

### Brilliant Cresyl Blue, solution

Solution for staining reticulocytes in blood.

100 mL	BCB-OT-100
500 mL	BCB-OT-500
1000 mL	BCB-OT-1L

### Hayem's solution

Solution for manual counting of erythrocytes.

100 mL	HY-OT-100
500 mL	HY-OT-500
1000 mL	HY-OT-1L

### Tuerk's solution

Solution for manual counting of leukocytes.

100 mL	TU-OT-100
500 mL	TU-OT-500
1000 mL	TU-OT-1L



### Leishman's solution

Polychromatic solution of Eosin Y, Methylene Blue and azure dyes. For staining in hematology and clinical cytology.

100 mL	LE-OT-100
500 mL	LE-OT-500
1000 mL	LE-OT-1L

### Wright's solution

Polychromatic solution of Eosin Y, Methylene Blue and azure dyes. For staining in hematology, cytology and cytogenetics.

100 mL	WR-OT-100
500 mL	WR-OT-500
1000 mL	WR-OT-1L



## New!

### Wright-Giemsa solution

Polychromatic solution of eosin Y, Methylene Blue and azure dyes. Modified Romanowsky stain for hematology staining.

100 mL	WRGM-OT-100
500 mL	WRGM-OT-500
1000 mL	WRGM-OT-1L
2500 mL	WRGM-OT-2.5L

### Field kit

Ready to use two-reagent kit for rapid and efficient staining and detection of parasites in hematology samples. Reagents are stored in containers that can be used as staining jars.

for 100 tests	FD-100T
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## BioGram 4 kit

### Kit for identification of bacteria according to Gram

Differential staining of bacteria according to Gram is widely known and used method in microbiology. BioGram 4 kit provides optimal staining and identification of Gram-positive and Gram-negative bacteria.

#### BioGram 4 kit

Four-reagent kit for identification of bacteria according to Gram. Kit contains Gram Crystal Violet 1% solution, stabilized Gram Lugol solution, double amount of Gram Decolorizer solution 2 and Gram Safranin solution as a counterstain.

5x100 mL	BGR4-K-100
5x250 mL	BGR4-K-250
5x500 mL	BGR4-K-500

#### Gram Crystal Violet 1% solution

Primary stain reagent for Gram-positive bacteria.

100 mL	GC1-OT-100
250 mL	GC1-OT-250
500 mL	GC1-OT-500
1000 mL	GC1-OT-1L
2500 mL	GC1-OT-2.5L

#### Gram Lugol solution, stabilized

Solution contains polyvinylpyrrolidone iodine (PVP-I).

100 mL	GLS-OT-100
250 mL	GLS-OT-250
500 mL	GLS-OT-500
1000 mL	GLS-OT-1L
2500 mL	GLS-OT-2.5L

#### Gram Decolorizer solution 2

Medium speed decolorizer used after stabilized iodine solution.

100 mL	GD2-OT-100
250 mL	GD2-OT-250
500 mL	GD2-OT-500
1000 mL	GD2-OT-1L
2500 mL	GD2-OT-2.5L

#### Gram Safranin solution

Counterstain for Gram-negative bacteria, contains Safranin O dye.

100 mL	GSF-OT-100
250 mL	GSF-OT-250
500 mL	GSF-OT-500
1000 mL	GSF-OT-1L
2500 mL	GSF-OT-2.5L



## Additional bacteriology staining solutions according to Gram

### Gram Lugol solution

Non-stabilized Lugol solution.

100 mL	GL-OT-100
250 mL	GL-OT-250
500 mL	GL-OT-500
1000 mL	GL-OT-1L

### Gram Decolorizer solution 1

Slow acting decolorizer solution used after non-stabilized iodine solution.

100 mL	GD1-OT-100
250 mL	GD1-OT-250
500 mL	GD1-OT-500
1000 mL	GD1-OT-1L

### Gram Decolorizer solution 3

Fast acting solution used with automated stainers.

100 mL	GD3-OT-100
250 mL	GD3-OT-250
500 mL	GD3-OT-500
1000 mL	GD3-OT-1L

### Safranin O 5x concentrated

Concentrated counterstain solution of Safranin O dye.

For preparation of 500 mL of Safranin O counterstain solution	100 mL	SO05X-OT-100
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For preparation of 2500 mL of Safranin O counterstain solution	500 mL	SO05X-OT-500
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For preparation of 5000 mL of Safranin O counterstain solution	1000 mL	SO05X-OT-1L
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### Carbol Fuchsin Gram 10x concentrated

Concentrated Carbol Fuchsin solution for preparation of counterstain solution for modified staining.

For preparation of 1000 mL of Carbol Fuchsin Gram counterstain solution	100 mL	CFGR10-OT-100
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For preparation of 5000 mL of Carbol Fuchsin Gram counterstain solution	500 mL	CFGR10-OT-500
-------------------------------------------------------------------------	--------	---------------

For preparation of 10000 mL of Carbol Fuchsin Gram counterstain solution	1000 mL	CFGR10-OT-1L
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## Additional iodine solutions

### Lugol's solution (Schiller's test)

Classic formulation of aqueous solution of iodine and potassium iodide. Commonly used in gynecology.

100 mL	LUG-OT-100
250 mL	LUG-OT-250
500 mL	LUG-OT-500

### Lugol's C solution

Aqueous solution of iodine and potassium iodide, enhanced formulation with stronger staining (compared to classic Lugol solution).

100 mL	LUGC-OT-100
250 mL	LUGC-OT-250
500 mL	LUGC-OT-500

### Lugol's solution, acid

Aqueous iodine and potassium iodide solution with added acid.

100 mL	LUGK-OT-100
250 mL	LUGK-OT-250
500 mL	LUGK-OT-500



## TB-Stain Hot kit

### Kit for staining acid-fast bacteria according to Ziehl-Neelsen

Most commonly known method for detecting TB bacteria according to Ziehl-Neelsen. This method enables rapid and easy staining of acid fast bacterial strains, such as *Mycobacteria*, *Nocardia*, *Rhodococcus*, *Dietzia*, and *Gordonia*.

#### TB-Stain Hot kit

Three-reagent kit for staining acid-fast bacteria. Contains TB Carbol Fuchsin reagent, double amount of TB Decolorizer and Methylene Blue Loeffler's reagent as a counterstain.

4x100 mL	TBH-K-100
4x250 mL	TBH-K-250
4x500 mL	TBH-K-500

#### TB Carbol Fuchsin reagent

Synonym: Ziehl-Neelsen reagent. Primary stain reagent for acid-fast bacteria used both in TB-Stain Hot and TB-Stain Cold kits.

100 mL	TBC-OT-100
250 mL	TBC-OT-250
500 mL	TBC-OT-500
1000 mL	TBC-OT-1L
2500 mL	TBC-OT-2.5L

#### TB Decolorizer

For use in TB-Stain Hot and TB-Stain Cold kits.

100 mL	TBD-OT-100
250 mL	TBD-OT-250
500 mL	TBD-OT-500
1000 mL	TBD-OT-1L
2500 mL	TBD-OT-2.5L

### Additional TB-Stain Hot kit staining solution

#### Methylene Blue 10x concentrated

Concentrated counterstain solution of Methylene Blue dye for use in microbiology.

For preparation of 1000 mL of Methylene Blue counterstain solution	100 mL	MB10X-OT-100
For preparation of 5000 mL of Methylene Blue counterstain solution	500 mL	MB10X-OT-500
For preparation of 10000 mL of Methylene Blue counterstain solution	1000 mL	MB10X-OT-1L

#### Methylene Blue Loeffler's reagent

Blue counterstain for non acid-bacteria in microbiology and histology.

100 mL	MBL-OT-100
250 mL	MBL-OT-250
500 mL	MBL-OT-500
1000 mL	MBL-OT-1L
2500 mL	MBL-OT-2.5L





# TB-Stain Cold kit

Kit for staining acid-fast bacteria according to Kinyoun

## TB-Stain Cold kit

Three-reagent kit for staining acid-fast bacteria. Contains TB Carbol Fuchsin reagent, double amount of TB Decolorizer and TB Malachite Green reagent as a counterstain.

4x100 mL	TBC-K-100
4x250 mL	TBC-K-250
4x500 mL	TBC-K-500

## TB Carbol Fuchsin reagent

Synonym: Ziehl-Neelsen reagent. Primary stain reagent for acid-fast bacteria used both in TB-Stain Hot and TB-Stain Cold kits.

100 mL	TBC-OT-100
250 mL	TBC-OT-250
500 mL	TBC-OT-500
1000 mL	TBC-OT-1L
2500 mL	TBC-OT-2.5L

## TB Decolorizer

For use in TB-Stain Hot and TB-Stain Cold kits.

100 mL	TBD-OT-100
250 mL	TBD-OT-250
500 mL	TBD-OT-500
1000 mL	TBD-OT-1L
2500 mL	TBD-OT-2.5L

## TB Malachite Green reagent

Green counterstain for TB-Stain Cold kit.

100 mL	TBM-OT-100
250 mL	TBM-OT-250
500 mL	TBM-OT-500
1000 mL	TBM-OT-1L
2500 mL	TBM-OT-2.5L

## Additional TB-Stain Cold kit staining solution

### Gabbet reagent

Blue counterstain for staining acid-fast bacteria according to modified Kinyoun method.

100 mL	GAB-OT-100
250 mL	GAB-OT-250
500 mL	GAB-OT-500
1000 mL	GAB-OT-1L



## TB-Stain Fluorescence kit

Kit for Fluorescence staining of acid-fast bacteria according to Kuper and May

### TB-Stain Fluorescence kit

Three-reagent kit for fluorescence staining of acid-fast bacteria. Contains TB Auramine-Rhodamine reagent, double amount of TB Decolorizer Fluorescence and TB Permanganate reagent as a counterstain.

4x100 mL	TBF-K-100
4x250 mL	TBF-K-250
4x500 mL	TBF-K-500

### TB Auramine-Rhodamine reagent

Primary stain reagent for use in TB-Stain Fluorescence kit.

100 mL	TBA-OT-100
250 mL	TBA-OT-250
500 mL	TBA-OT-500
1000 mL	TBA-OT-1L
2500 mL	TBA-OT-2.5L

### TB Decolorizer Fluorescence

For use in TB-Stain Fluorescence kit.

100 mL	TBF-OT-100
250 mL	TBF-OT-250
500 mL	TBF-OT-500
1000 mL	TBF-OT-1L
2500 mL	TBF-OT-2.5L

### TB Permanganate reagent

Counterstain for use in TB-Stain Fluorescence kit.

100 mL	TBP-OT-100
250 mL	TBP-OT-250
500 mL	TBP-OT-500
1000 mL	TBP-OT-1L
2500 mL	TBP-OT-2.5L



## Solutions for staining and analysis of fungi

In order to detect and achieve better visualization of fungi and fungal structures that are otherwise difficult to observe, fungi can be stained using Lactophenol solutions; however, they may also be stained and preserved as a permanent preparation using Myco-Mount medium.

### Lactophenol Blue solution

For use in microbiology for staining and analysis of fungi.

100 mL	LPB-OT-100
250 mL	LPB-OT-250

### Lactophenol solution

Colorless solution for use in microbiology and analysis of fungi.

100 mL	LP-OT-100
250 mL	LP-OT-250

For detection and fungal staining of histology sections, please see page 46 for more details on Grocott kit.

### New!

#### Myco-Mount Blue

Medium for simultaneous staining the fungi blue and preparing permanent section.

30 mL	MYMB-30
100 mL	MYMB-100

#### Myco-Mount Red

Medium for simultaneous staining the fungi red and preparing permanent section.

30 mL	MYMR-30
100 mL	MYMR-100

#### Potassium hydroxide, solution for fungi

Solution for use in microbiology for analysis and visualization of fungi.

30 mL	KHO-OT-30
100 mL	KHO-OT-100



## Special staining kits

Characteristics of BioGnost's special staining kits are high quality, efficiency, clearly distinguished colors and tissue components, and maximum usability of reagents. The kits are easy to use and adapted to fit the user's needs.

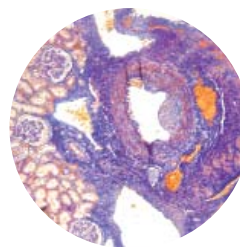
Classification of special staining kits according to use

<h3>CONNECTIVE TISSUE</h3> <div> A.F.O.G kit  Azan Trichrome kit  Gomori Trichrome kit  Hematoxylin P.T.A. kit  Hematoxylin W kit  Mallory Trichrome kit  Masson Trichrome kit  Masson-Goldner Trichrome kit  Movat kit </div> <div> Paraldehyde Fuchsin kit  P.A.S.M. kit  Reticulin kit  Reticulin Contrast kit  Van Gieson Trichrome kit  Verhoeff kit  Weigert-Van Gieson kit, rapid method  Weigert-Van Gieson kit, standard method </div>		
<h3>CARBOHYDRATES</h3> <div> Alcian Blue - P.A.S. kit  Alcian Blue pH 1.0 kit  Alcian Blue pH 2.5 kit  Congo Red Highman kit  Mucicarmine kit </div>	<h3>PIGMENTS AND MINERAL DEPOSITS</h3> <div> Fouchet-Van Gieson kit  Grimelius kit  HemoGnost Perls kit  Masson Fontana kit  Rhodanine kit  Von Kossa kit </div>	<h3>CYTOLOGY</h3> <div> Bio-Diff RTU kit  Eosin and nigrosin vital kit  Eosin-nigrosin vital  Sudan Black B kit  UriGnost S kit  UriGnost SM kit </div>
<h3>FUNGI, BACTERIA AND PARASITES</h3> <div> BioGram Histo kit  Field kit  Giemsa HP kit  Grocott kit  M.I.F. kit  TB-Stain Histo kit  Warthin Starry kit </div>	<h3>CENTRAL NERVOUS SYSTEM</h3> <div> Luxol Fast Blue kit </div>	<h3>CRYOSTAT</h3> <div> Gomori Trichrome kit  Oil Red O kit  Orcein kit  Sudan Black B lipid kit </div>
	<h3>LIPIDS</h3> <div> Oil Red O kit  Sudan Black B lipid kit </div>	<h3>NUCLEI AND NUCLEIC ACIDS</h3> <div> Feulgen kit </div>

#### A.F.O.G. kit

Six-reagent Acid Fuchsin Orange G kit for selective staining of glomerular protein deposits and collagen in kidney biopsies.

for 100 tests	AFOG-100T
6x100 mL	AFOG-K-100

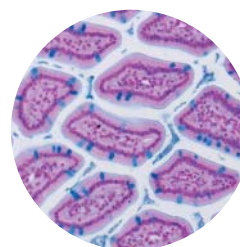


A.F.O.G KIT

#### Alcian Blue - P.A.S. kit

Seven-reagent Alcian Blue - Periodic Acid-Schiff kit for staining acid mucopolysaccharides according to Mowry. Enables differentiation between acid mucins (stained light blue) and neutral mucins, glycogens, and glycoproteins (stained red).

for 100 tests	AB-100T
7x100 mL	AB-K-100
7x500 mL	AB-K-500



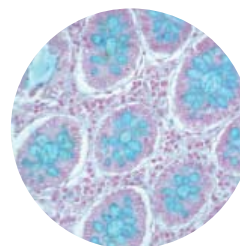
ALCIAN BLUE - P.A.S. KIT

#### New!

##### Alcian Blue pH 1.0 kit

Three-reagent kit for staining heavily sulfated mucopolysaccharides.

for 100 tests	AB10-100T
3x100 mL	AB10-K-100

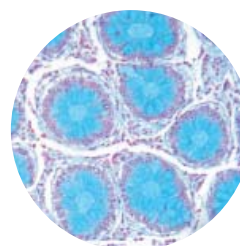


ALCIAN BLUE pH 1.0 KIT

#### Alcian Blue pH 2.5 kit

Three-reagent kit for staining acid mucopolysaccharides according to Dorling.

for 100 tests	AB25-100T
3x100 mL	AB25-K-100

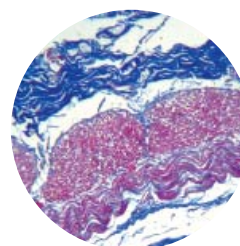


ALCIAN BLUE pH 2.5 KIT

#### Azan Trichrome kit

Five-reagent kit for connective tissue staining according to Mallory. Used for visualization of muscle fibers, collagen, glial cells, glomerular cells and erythrocytes.

for 100 tests	AZT-100T
5x250 mL	AZT-K-250



AZAN TRICHROME KIT



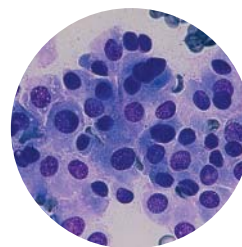
## Special staining kits

### Bio-Diff RTU kit

Ready-to-Use three-reagent kit with reagents stored in containers that can be used as staining jars. Kit contains fixative agent, red and blue components for fast and effective staining and buffer tablet for consistent staining results.

3x100 mL

BD-RTU-100



BIO-DIFF RTU KIT

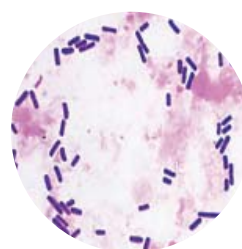
### New!

#### BioGram Histo kit

Five-reagent kit for identification of bacteria according to Gram. For differentiation between Gram-positive and Gram-negative bacteria in histology sections.

for 100 tests

BGRH-100T



BIOGRAM HISTO KIT

### Congo Red Highman kit

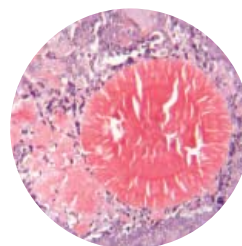
Three-reagent kit for staining amyloids, characteristic for use of alkaline solution as differentiation medium in order to avoid undesirable non-specific coloration of cellular substances. Amyloid deposits display green coloration under polarized light.

for 100 tests

CR-100T

3x100 mL

CR-K-100



CONGO RED HIGHMAN KIT

### Eosin and nigrosin vital kit

Two-reagent kit containing separate dyes for rapid detection of sperm vitality and simple visualization of dead and living sperm cells.

2x30mL

ENVK-K-30

2x100 mL

ENVK-K-100



EOSIN - NIGROSIN VITAL KIT

### Eosin-nigrosin vital

Fast detection of sperm vitality and visualization of dead and living sperm cells with one reagent.

30 mL

ENV-30

100 mL

ENV-100

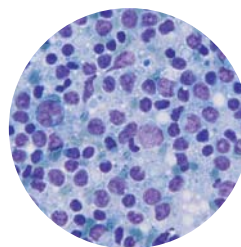


EOSIN-NIGROSIN VITAL

### Feulgen kit

Three-reagent DNA staining kit according to Feulgen. For use in semiquantitative DNA determination in histological and cytological samples.

for 100 tests	FE-100T
5x100 mL	FE-K-100



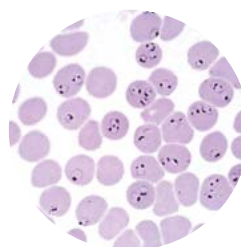
FEULGEN KIT

### New!

#### Field kit

Ready to use two-reagent kit for rapid and efficient staining and detection of parasites in hematology samples. Reagents are stored in containers that can be used as staining jars.

for 100 tests	FD-100T
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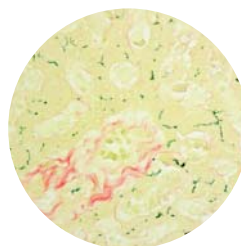


FIELD KIT

### Fouchet-Van Gieson kit

Three-reagent kit for visualization of bilirubin and collagen according to Kutlick.

for 100 tests	FVG-100T
3x100 mL	FVG-K-100



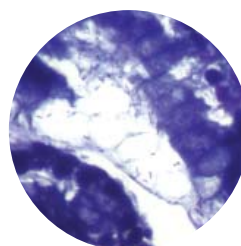
FOUCHET-VAN GIESON KIT

### New!

#### Giemsa HP kit

Four-reagent kit for staining *Helicobacter pylori* in gastroscopic sections according to Lennart.

for 100 tests	GMHP-100T
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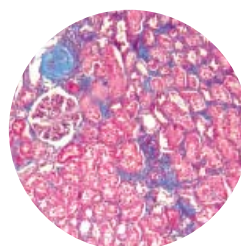
GIEMSA HP KIT

### Gomori Trichrome kit

Five-reagent kit for staining muscle and collagen fiber with blue counterstain.

for 100 tests	GT-100T
5x100 mL	GT-K-100

\* Gomori Trichrome kit with green counterstain also available



GOMORI TRICHROME KIT

## Special staining kits

### New!

#### Grimelius kit

Five-reagent kit for staining argyrophilic granules.

for 100 tests	GRI-100T
5x100 mL	GRI-K-100



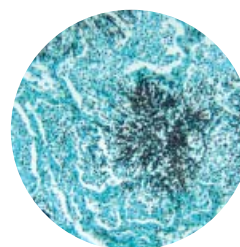
GRIMELIUS KIT

#### Grocott kit

Six-reagent kit for visualization of fungi and histological argentaffin structures in general (such as basal membranes). Green counterstain provides clear and visually rich contrast to target structures stained black.

for 100 tests	GRC-100T
5x100 mL + 16x5.55 g	GRC-K-100

\* contact us for larger packaging

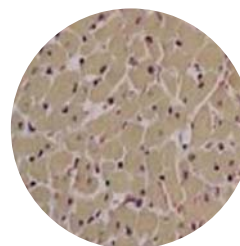


GROCOTT KIT

#### H.B.F.P. kit

Three-reagent Hematoxylin-Basic Euchsin-Picric acid staining kit for detection of cardiac muscle changes after ischemia or myocardial infarction.

for 100 tests	HBFP-100T
3x100 mL	HBFP-K-100

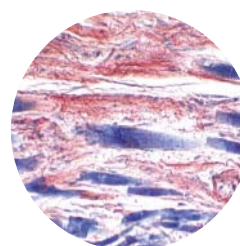


H.B.F.P. KIT

#### Hematoxylin P.T.A. kit

Four-reagent Hematoxylin-Phosphotungstic Acid kit for differentiating smooth and striated muscle tissues as well as for detecting fibrins, collagens and elements of central nervous system according to Mallory.

for 100 tests	HPTA-100T
4x100 mL	HPTA-K-100

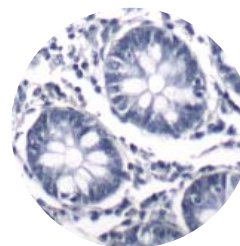


HEMATOXYLIN P.T.A. KIT

#### Hematoxylin W kit

Acid-resistant hematoxylin according to Weigert. Two-reagent kit that stains the nuclei blue-black, often a component of special staining kits for connective tissues.

for 100 tests	HEMW-100T
2x100 mL	HEMW-K-100
2x500 mL	HEMW-K-500
2x1000 mL	HEMW-K-1L

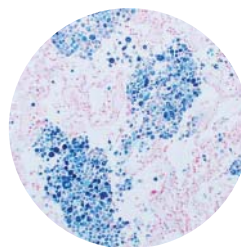


HEMATOXYLIN W KIT

### HemoGnost Perls kit

Three-reagent HemoGnost Perls (Prussian blue / Berlin blue) kit for the detection of reactive ferric ( $\text{Fe}^{3+}$ ) ions in cells. It is often applied on bone marrow and spleen cells.

for 100 tests	HP-100T
3x250 mL	HP-K-250



HEMOGNOST PERLS KIT

### Luxol Fast Blue kit

Four-reagent kit for staining myelins and phospholipids according to Kluver-Barerra.

for 100 tests	LFB-100T
4x100 mL	LFB-K-100



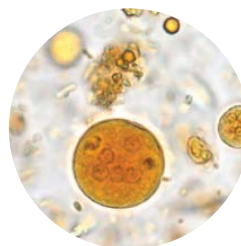
LUXOL FAST BLUE KIT

### New!

#### M.I.F. kit

Two-reagent ~~Mer~~thiolate-~~Iodine~~-~~Formalin~~ kit for fixing and staining fecal parasites (especially protozoa).

for 100 tests	MIF-100T
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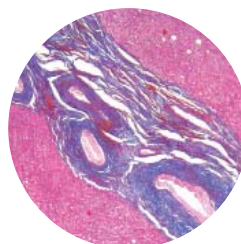


M.I.F. KIT

### Mallory Trichrome kit

Three-reagent staining kit for connective tissue visualization and detection of collagen, cartilage, muscle and erythrocytes.

for 100 tests	MT-100T
3x100 mL	MT-K-100

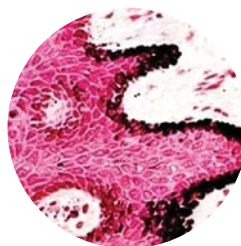


MALLORY TRICHROME KIT

### Masson Fontana kit

Six-reagent melanine and argentaffin granule staining kit, based on the reduction of silver nitrate to elemental silver.

for 100 tests	MF-100T
6x100 mL	MF-K-100



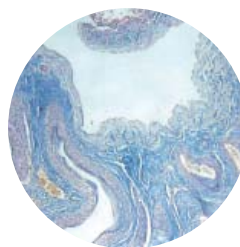
MASSON FONTANA KIT

## Special staining kits

### Masson Trichrome kit

Seven-reagent kit for staining muscle and collagen fibers with blue counterstain. It is also used for visualizing gametes, nuclei, neurofibrils, glial cells, keratins, and intercellular fibrils.

for 100 tests	MST-100T
7x100 mL	MST-K-100
7x500 mL	MST-K-500

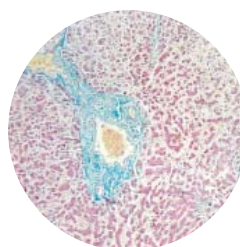


MASSON TRICHROME KIT

### Masson-Goldner Trichrome kit

Seven-reagent kit for staining muscle and collagen fibers with green counterstain. It is also used for visualizing gametes, nuclei, neurofibrils, glial cells, keratins, and intercellular fibrils.

for 100 tests	MGT-100T
7x100 mL	MGT-K-100
7x500 mL	MGT-K-500



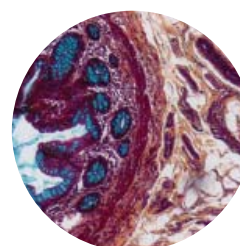
MASSON-GOLDNER  
TRICHROME KIT

### New!

#### Movat kit

Ten-reagent kit for staining collagen, elastic and muscle fibers.

for 100 tests	MOV-100T
10x100 mL	MOV-K-100

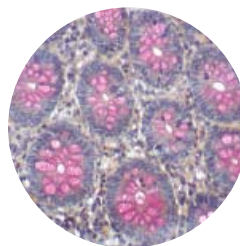


MOVAT KIT

### Mucicarmine kit

Four-reagent kit for detecting acid mucopolysaccharides according to Mayer.

for 100 tests	MUC-100T
4x100 mL	MUC-K-100

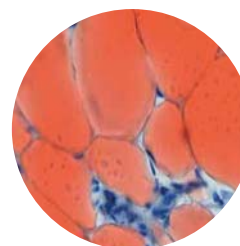


MUCICARMINE KIT

### Oil Red O kit

Four-reagent kit for staining fat cells and neutral fats according to Johnson. It can be used with frozen sections and fresh smears.

for 100 tests	ORO-100T
4x250 mL	ORO-K-250



OIL RED O KIT



## New!

### Orcein kit

Five-reagent kit for visualization of hepatitis B surface antigen (HBsAg) seen as viral inclusion bodies in hepatocytes, for elastic fibers and copper associated protein in tissue sections. It can be used with frozen sections.

for 100 tests  
5x250 mL

ORC-100T  
ORC-K-250

### Paraldehyde Fuchsin kit

Seven-reagent kit according to Gomori for detecting pathological changes in elastic fibers. It also stains mast cells, mucins, cartilage and pancreatic cells.

for 100 tests  
9x100 mL

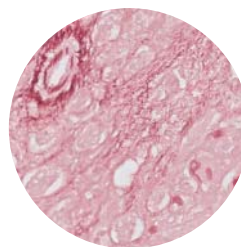
PAF-100T  
PAF-K-100

### P.A.S. kit

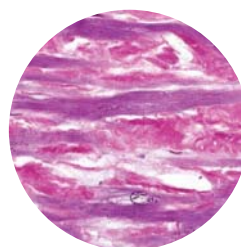
Five-reagent Periodic Acid-Schiff kit for staining aldehydes, mucopolysaccharides and mucoproteins according to Hotchkiss-McManus.

for 100 tests  
5x100 mL  
5x500 mL

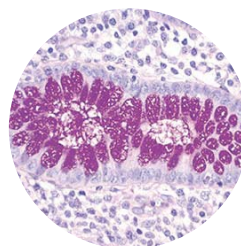
PAS5-100T  
PAS5-K-100  
PAS5-K-500



ORCEIN KIT



PARALDEHYDE FUCHSIN KIT



P.A.S. KIT

stable  
at 22°C



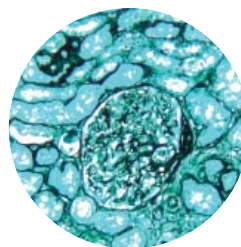
## Special staining kits

### P.A.S.M. kit

Six-reagent Periodic Acid Silver Methenamine kit for staining argentaffin structures and kidney membranes according to Gomori. Kit includes green counterstain which provides visually rich contrast to targets structures stained black.

for 100 tests	PASM-100T
5x100 mL + 16x5.55 g	PASM-K-100

\* contact us for larger packaging

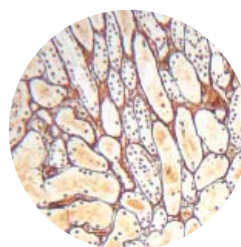


P.A.S.M. KIT

### Reticulin kit

Seven-reagent kit for detecting argyrophilic reticulin fibers. It clearly differentiates between collagen and reticulin and nerve fibers, and connective tissue.

for 100 tests	RE-100T
7x50 mL	RE-K-50
7x100 mL	RE-K-100

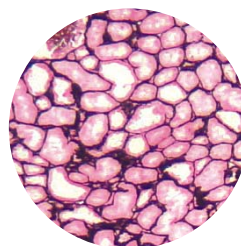


RETICULIN KIT

### Reticulin Contrast kit

Nine-reagent kit for detecting argyrophilic reticulin fibers according to Gordon and Sweets. The kit contains gold chloride solution that enhances visualization of reticulin fibers and it also contains Nuclear Fast Red (Kernechtrot) reagent that enables fine contrasting background.

for 100 tests	RET-100T
9x50 mL	RET-K-50
9x100 mL	RET-K-100

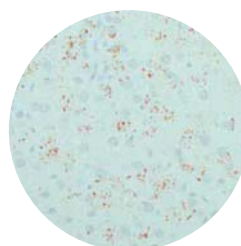


RETICULIN CONTRAST KIT

### Rhodanine kit

Four-reagent kit for detecting copper in patients suffering from Wilson's disease.

for 100 tests	ROD-100T
5x100 mL	ROD-K-100

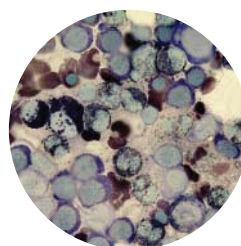


RHODANINE KIT

### Sudan Black B kit

Four-reagent kit for staining neutrophil granules in hematological smears. It is used as one of the methods for detecting myelocytic and myelomonocytic leukemia.

for 350-400 tests	SBBH-K-100
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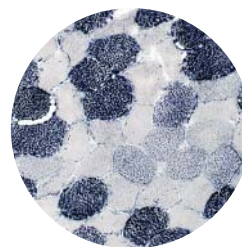


SUDAN BLACK B KIT

### Sudan Black B lipid kit

Four-reagent kit for specific lipid staining in cytochemistry. Sudan Black dye stains a few types of lipids, including neutral fats, phospholipids, and sterols. Contains double amount of Sudan Black B, solution.

for 100 tests	SBB-100T
5x100 mL	SBB-K-100



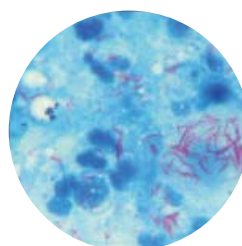
SUDAN BLACK B  
LIPID KIT

### New!

#### TB-Stain Histo kit

Three-reagent kit for staining acid-fast bacteria in histology sections according to Ziehl-Neelsen.

for 100 tests	TBHK-100T
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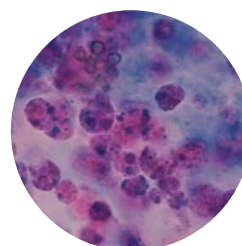
TB-STAIN HISTO KIT

### UriGnost S kit

Kit for sampling, staining, and microscopic analysis of urine sediment. Contains modified reagent according to Sternheimer (reagent manufactured according to the European Confederation of Laboratory Medicine (ECLM) and all the necessary equipment for sampling, concentrating, staining, and counting cells and kidney cylinders, as well as urine sediment analysis (test tubes with retentive bottom, Eppendorf 200 µL pipette tips and urine plates).

for 500 tests	USK-500
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\* for more information, see pages 58 and 81



URIGNOST S KIT

### UriGnost SM kit

Kit for sampling, staining and microscopic analysis of urine sediments. Contains modified reagent according to Sternheimer-Malbin and equipment required for sampling, concentration, staining, counting of kidney cells and kidney cylinders and urine sediment analysis (test tubes with retentive bottom, Eppendorf 200 µL pipette tips and urine plates).

for 500 tests	USMK-500
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\* for more information, see pages 58 and 81

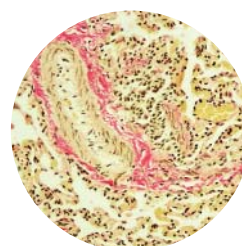


URIGNOST SM KIT

### Van Gieson Trichrome kit

Three-reagent kit for staining collagen fibers. Used for differentiation between collagen and smooth muscle fibers in tumors and various other diseases.

for 100 tests	VG-100T
3x100 mL	VG-K-100



VAN GIESON  
TRICHROME KIT

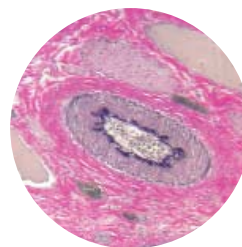
## Special staining kits

### New!

#### Verhoeff kit

Six-reagent kit for staining elastic and muscle fibers and collagen.

for 100 tests	VER-100T
6x100 mL	VER-K-100

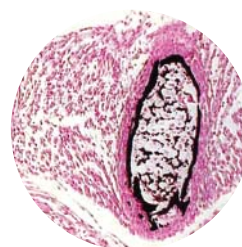


VERHOEFF KIT

#### Von Kossa kit

Five-reagent kit for calcium deposit and calcium salt staining according to Von Kossa.

for 100 tests	VK-100T
5x100 mL	VK-K-100

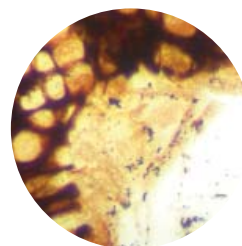


VON KOSSA KIT

#### Warthin Starry kit

Five-reagent kit for staining *Spirochaeta* and *Helicobacter pylori*. The kit contains 12 jars with gelatin that enables both incubation and staining of sections, as well as other reagents that enable precipitation of silver on the bacterial surface.

up to 48 tests	WS-12T
* contact us for larger packaging	

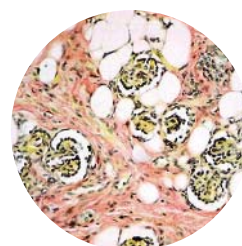


WARTHIN STARRY KIT

#### Weigert-Van Gieson kit, rapid method

Four-reagent kit for staining elastic fibers and differentiation between elastic tissues, collagens and other types of connective tissues. The rapid method enables a satisfactory result with shorter section staining time.

for 100 tests	WVGB-100T
4x100 mL	WVGB-K-100

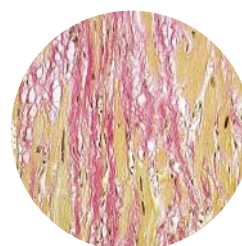


WEIGERT-VAN GIESON  
KIT, RAPID METHOD

#### Weigert-Van Gieson kit, standard method

Six-reagent kit for staining elastic fibers with prolonged incubation period. Used for differentiation between elastic tissues, collagens and other types of connective tissues. Unlike rapid method, the standard method achieves better differentiation between elastic tissues.

for 100 tests	WVG-100T
6x100 mL	WVG-K-100



WEIGERT-VAN GIESON  
KIT, STANDARD METHOD

## Staining reagents and solutions

### 10% Formalin, alcoholic solution

For use with Reticulin and Reticulin Contrast staining kits.

100 mL	F4A-OT-100
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### Acid activation buffer

For use with Luxol Fast Blue kit.

100 mL	KAP-OT-100
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### Acid alcohols

For use with Azan Trichrome and Orcein staining kits.

Acid alcohol, Azan	100 mL	KAA-OT-100
	250 mL	KAA-OT-250

Acid alcohol, Orcein	250 mL	KAO-OT-250
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### Acid solution

For preparation of impregnation solution with Warthin Starry kit.

500 mL	KOT-OT-500
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### Acridine Orange solution

Acridine Orange aqueous solution is used as fluorescent dye for differential staining of DNA and RNA, acid mucins and detecting apoptosis; in cytogenetics for displaying structures containing abundant amounts of DNA. Also enables detection of microorganisms in blood smears.

100 mL	AOA-OT-100
500 mL	AOA-OT-500
1000 mL	AOA-OT-1L

### A.F.O.G. reagent

For use with A.F.O.G. (Acid Fuchsin Orange G) kit.

100 mL	AFOG-OT-100
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### Alcian Blue solution 1%

Alcian Blue 8GX dye 1% aqueous solution.

100 mL	AB1-OT-100
500 mL	AB1-OT-500

### Alcian Blue solution pH 1.0

Solution for staining heavily sulfated mucopolysaccharides. A component of Alcian Blue pH 1.0 kit.

100 mL	AB10-OT-100
500 mL	AB10-OT-500
1000 mL	AB10-OT-1L

### Alcian Blue solution pH 2.5

Reagent for staining acid mucopolysaccharides of intestinal goblet cells. A component of Alcian Blue-P.A.S. and Alcian Blue pH 2.5 staining kits.

100 mL	AB2-OT-100
500 mL	AB2-OT-500
1000 mL	AB2-OT-1L

### Ammonium iron sulfate, solution

For use with Reticulin and Reticulin Contrast staining kits.

100 mL	ASF-OT-100
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### Aniline, alcoholic solution

For use with Azan Trichrome kit.

100 mL	ANA-OT-100
250 mL	ANA-OT-250

### Aniline Blue reagent

Counterstain used with Masson Trichrome kit.

100 mL	ABR-OT-100
500 mL	ABR-OT-500

### Azan reagent

For use with Azan Trichrome kit.

100 mL	AZR-OT-100
250 mL	AZR-OT-250

### Azocarmine, solution

For use with Azan Trichrome kit.

100 mL	AZ-OT-100
250 mL	AZ-OT-250

### Basic Activation buffer

For use with Oil Red O kit.

250 mL	BAP-OT-250
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### Benedict's reagent

For detecting glucose in urine.

100 mL	BNR-OT-100
250 mL	BNR-OT-250
500 mL	BNR-OT-500
1000 mL	BNR-OT-1L

### Biebrich Scarlet-Acid Fuchsin reagent

For use with Masson Trichrome and Masson-Goldner Trichrome staining kits.

100 mL	BSAF-OT-100
500 mL	BSAF-OT-500



## Staining reagents and solutions

**BioSchiff reagent**

Schiff's reagent for detecting aldehydes and mucous substances. A component of P.A.S. and Alcian Blue-P.A.S. staining kits.

100 mL	BS-OT-100
500 mL	BS-OT-500
1000 mL	BS-OT-1L

**Chromotrope 2R / Aniline Blue reagent**

Blue counterstain used with Gomori Trichrome kit.

100 mL	CABR-OT-100
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**Chromotrope 2R / Fast Green F.C.F. reagent**

Green counterstain used with Gomori Trichrome kit.

100 mL	CFG-OT-100
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**Congo Red reagent**

For use with Congo Red Highman kit.

100 mL	CR-OT-100
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**Cresyl Violet, solution**

For use with Luxol Fast Blue kit.

100 mL	CV-OT-100
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**Differentiating reagents based on hydrochloric acid**

For use with special staining kits in histopathology

HCL reagent, A.F.O.G.	100 mL	HCLAF-OT-100
HCL reagent, Feulgen	100 mL	HCLF-OT-100
HCL reagent, HemoGnost Perls	100 mL	HCLH-OT-100
HCL reagent, HemoGnost Perls	250 mL	HCLH-OT-250
HCL reagent, P.A.S.	100 mL	HCLP-OT-100
HCL reagent, P.A.S.	500 mL	HCLP-OT-500
HCL reagent, Weigert-Van Gieson	100 mL	HCLW-OT-100

**Ehrlich aldehyde reagent**

Reagent for detecting urobilinogen in urine.

100 mL	ENR-OT-100
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**Eosin Y, isotonic solution**

Aqueous solution of Eosin Y used with Eosin and nigrosin vital kit.

100 mL	EIO-OT-100
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**Fast Green F.C.F. reagent**

Counterstain used with Masson-Goldner Trichrome and Paraldehyde Fuchsin staining kits.

100 mL	FGR-OT-100
500 mL	FGR-OT-500

stable Schiff's  
reagent at 22°C



**Fast Green F.C.F. contrast reagent**

Counterstain used with Grocott and P.A.S.M. staining kits.

100 mL	FGKR-OT-100
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**Field, solution A**

Blue component of Field kit.

100 mL	FDA-RTU
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**Field, solution B**

Red component of Field kit.

100 mL	FDB-RTU
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**Ferri reagent, Verhoeff B**

For use with Verhoeff kit.

100 mL	FRV-OT-100
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**Ferri reagent, Weigert B**

Iron(III) nitrate solution in diluted hydrochloric acid, a component of Hematoxylin W kit.

100 mL	FR-OT-100
500 mL	FR-OT-500
1000 mL	FR-OT-1L

**Fuchsin Acid reagent**

For use with Mallory Trichrome kit.

100 mL	FA-OT-100
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**Fuchsin Acid Van Gieson reagent**

For use with Van Gieson Trichrome kit, synonym Picrofuchsin reagent.

100 mL	FAG-OT-100
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**Fuchsin Basic reagent**

For use with Van Gieson Trichrome kit.

100 mL	FBR-OT-100
500 mL	FBR-OT-500

**Fuchsin Basic, solution**

For use with H.B.F.P. kit.

100 mL	FBO-OT-100
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**Gelatin, gel in transport jar**

For preparing developing solution with Warthin Starry staining kit.

12x8 mL	GEL-128
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**Glutaraldehyde, 4% buffered solution**

Solution used with Sudan Black B kit.

100 mL	G4-OT-100
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**Gold chloride solutions**Aqueous solutions of gold chloride (aurichloric acid,  $\text{HAuCl}_4$ ), component of many special staining kits.

Gold chloride, 0.2% solution	100 mL	ZK02-OT-100
Gold chloride, 1% solution	50 mL	ZK1-OT-50
Gold chloride, 2% solution	50 mL	ZK2-OT-50

**Hematoxylin, Weigert A**

Hematoxylin solution in ethanol, component of Hematoxylin W kit.

100 mL	HEMA-OT-100
500 mL	HEMA-OT-500
1000 mL	HEMA-OT-1L

**Hematoxylin, Verhoeff A**

For use with Verhoeff kit.

100 mL	HEMV-OT-100
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**Hydroquinone, solution**

For preparation of developing solution in Warthin Starry kit.

50 mL	HQ-OT-50
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**Iodine solution, Verhoeff C**

For use with Verhoeff kit.

100 mL	JODV-OT-100
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**Iron chloride, solution**

For use with Fouchet-Van Gieson kit.

100 mL	FK-OT-100
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**Light Green S.F. reagent**

Counterstain used with trichrome special staining kits.

100 mL	LGS-OT-100
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**Lithium carbonate, solution**

Lithium carbonate solution used with Luxol Fast Blue and Von-Kossa staining kits.

100 mL	LK-OT-100
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**Lugol's solution, M.I.F.**

For use with M.I.F. kit.

100 mL	LUGM-OT-100
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**Luxol Fast Blue, solution**

For use with Luxol Fast Blue kit.

100 mL	LFB-OT-100
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**M.F. reagent**

For use with M.I.F. kit.

100 mL	MF-OT-100
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**Mayer's carmalum**

Counterstaining reagent for histological sections.

100 mL	MK-OT-100
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**Mayer's mucicarmine**

For use with Mucicarmine kit.

100 mL	MMU-OT-100
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**Metanil Yellow, solution**

For use with Mucicarmine kit.

100 mL	MY-OT-100
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## Staining reagents and solutions

**Methyl Blue Eosin, solution**

Modified Mann's solution for use in histology.

100 mL	MBE-OT-100
500 mL	MBE-OT-500
1000 mL	MBE-OT-1L

**Methenamine borate**

For use with Grocott and P.A.S.M. staining kits (in pouches/tablets).

15x1.85 g	MEB-15-185
16x5.55 g	MEB-16-555

**Neutral Red reagent**

Neutral Red aqueous counterstain solution for use with special staining kits.

100 mL	NR-OT-100
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**Nigrosine, isotonic solution**

Aqueous solution of nigrosine used with Eosin and nigrosine vital kit.

100 mL	NIO-OT-100
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**Nuclear Fast Red (Kernechtrot) reagent**

0.1% Nuclear Fast Red dye solution for staining nuclei. Counterstain in many special staining kits.

100 mL	KR-OT-100
250 mL	KR-OT-250
500 mL	KR-OT-500

**Oil Red O reagent**

Lipid substances staining solution.

250 mL	ORO-OT-250
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**Orange G / Aniline Blue reagent**

For use with Mallory Trichrome kit.

100 mL	OGA-OT-100
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**Orcein reagent**

For use with Orcein kit.

250 mL	ORCR-OT-250
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**Oxalic acid solutions**

For use with Hematoxylin P.T.A., Masson Fontana, Orcein, Paraldehyde Fuchsin and Reticulin staining kits.

Oxalic acid, 1% solution	100 mL	OXS1-OT-100
Oxalic acid, 2% solution	250 mL	OXS2-OT-250

**Paraldehyde Fuchsin reagent**

Reagent for staining elastins and mucins.

100 mL	PAF-OT-100
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**Periodic acid, solution**

Synonym: Orthoperiodic acid. Oxidizing medium widely used in histology. Key component of many special staining kits, such as P.A.S. and Alcian Blue-P.A.S., P.A.S.M., Grocott, and Weigert-Van Gieson kits.

Periodic acid, 0.5% solution	100 mL	PK05-OT-100
Periodic acid, 0.5% solution	250 mL	PK05-OT-250
Periodic acid, 0.5% solution	500 mL	PK05-OT-500

Periodic acid, 0.8% solution	100 mL	PK08-OT-100
Periodic acid, 0.8% solution	250 mL	PK08-OT-250
Periodic acid, 0.8% solution	500 mL	PK08-OT-500

Periodic acid, 1% solution	100 mL	PK1-OT-100
Periodic acid, 1% solution	250 mL	PK1-OT-250
Periodic acid, 1% solution	500 mL	PK1-OT-500

**Phosphate buffered saline (PBS)**

Sterilized isotonic phosphate buffer solutions.

Buffered saline (Dulbecco), without added calcium and magnesium, sterile filtered	500 mL	D-OT-500
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Buffered saline (Dulbecco), without added calcium and magnesium, concentrated 10x, sterile filtered	500 mL	DX-OT-500
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Buffered saline (Dulbecco), with added calcium and magnesium, sterile filtered	500 mL	DCM-OT-500
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Buffered saline (Dulbecco), with added calcium and magnesium, concentrated 10x, sterile filtered	500 mL	DCMX-OT-500
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Buffered saline (Dulbecco) (0.01 mol/L, Tween 20), sterile filtered	500 mL	PBS-OT-500
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**Phosphomolybdic acid, 1% solution**

For use with A.F.O.G. (Acid Fuchsin Orange G) and Mallory Trichrome staining kits.

100 mL	FMK1-OT-100
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**Phosphomolybdic acid, 5% solution**

For use with Azan Trichrome kit.

100 mL	FMK5-OT-100
250 mL	FMK5-OT-250

**Phosphotungstic acid, 1% solution**

For use with Mallory Trichrome kit.

100 mL	FVK1-OT-100
500 mL	FVK1-OT-500

**Picric acid in acetone, solution**

For use with H.B.F.P. kit.

100 mL	PKA-OT-100
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**Potassium hexacyanoferrate, solution**

Potassium hexacyanoferrate (II) solution, optimally concentrated used with HemoGnost Perls kit.

100 mL	KHC-OT-100
250 mL	KHC-OT-250

**Potassium hydroxide, solution**

Optimally concentrated aqueous solution of potassium hydroxide used with Congo Red Highman kit.

100 mL	KHO-OT-100
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**Potassium permanganate, solutions**

For use with Hematoxylin P.T.A., Masson Fontana, Orcein, Paraldehyde Fuchsin and Reticulin staining kits.

Potassium permanganate, 0.5% solution	100 mL	KP05-OT-100
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Potassium permanganate, 1% solution	250 mL	KP1-OT-250
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**Propylene glycol**

For use with Sudan Black B Lipid kit.

100 mL	PG-100
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**Propylene glycol, 85%**

For use with Sudan Black B Lipid kit.

100 mL	PG85-100
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**P.T.A. - P.M.A. reagent**

Reagent containing optimum concentration of phosphotungstic and phosphomolybdic acid. Used with Masson Trichrome and Masson-Goldner Trichrome staining kits.

100 mL	PPR-OT-100
500 mL	PPR-OT-500

**Reagents for differentiation based on acetic acid**

For use with special staining kits in histopathology.

Reagent for differentiation in Gomori Trichrome kit	100 mL	RDG-OT-100
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Acetic acid, 1% solution (used with Masson Trichrome and Masson-Goldner staining kits)	100 mL	OK1-OT-100
	500 mL	OK1-OT-500

**Reagent for differentiation in Verhoeff kit**

For use with Verhoeff kit.

100 mL	RDV-OT-100
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**Reducing buffer, solution**

For use with Von Kossa kit.

100 mL	RP-OT-100
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**Resorcine Fuchsin reagent**

For use with Weigert-Van Gieson kits.

100 mL	RFR-OT-100
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**Rhodanine reagent**

For use with Rhodanine kit.

100 mL	RR-OT-100
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**Silver nitrate solutions**

For use in special staining kits.

Silver ammonia solution (component of Reticulin and Reticulin Contrast staining kits)	100 mL	SA-OT-100
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Silver ammonia reagent (component of Von Kossa and Masson Fontana staining kits)	100 mL	SAR-OT-100
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Silver nitrate, solution (component of Grocott and P.A.S.M. staining kits)	100 mL	SN-OT-100
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Silver nitrate, WS solution (component of Warthin Starry staining kit)	100 mL	SNWS-OT-100
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**Sodium acetate, solution**

For use with Rhodanine kit.

100 mL	NA-OT-100
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**Sodium metabisulfite solutions**

Component of Alcian Blue-P.A.S., P.A.S. and Feulgen staining kits.

Sodium metabisulfite	100 mL	NM-OT-100
	500 mL	NM-OT-500

Sodium metabisulfite, solution for Feulgen	100 mL	NMF-OT-100
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## Staining reagents and solutions

### Sodium tetraborate, solution

A component of Alcian Blue pH 2.5 and Alcian Blue-P.A.S. staining kits.

100 mL	NTB-OT-100
500 mL	NTB-OT-500

### Sodium thiosulfate solution

Solutions are component of Grocott, Masson Fontana, P.A.S.M., Reticulin, Reticulin Contrast, and Von Kossa staining kits.

Sodium thiosulfate, 2% solution	100 mL	NT2-OT-100
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Sodium thiosulfate, 5% solution	100 mL	NT5-OT-100
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### Sudan Black B, solution

Solution for staining lipids, used with Sudan Black B lipid kit.

100 mL	SBO-OT-100
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### Sudan Black B reagent

Staining reagent for use in hematology, used with Sudan Black B kit.

100 mL	SBB-OT-100
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### Sulfuric acid solutions

Used with Orcein, Paraldehyde Fuchsin and Reticulin staining kits.

Sulfuric acid, 0.3% solution	250 mL	SK03-OT-250
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Sulfuric acid, 0.5% solution	100 mL	SK05-OT-100
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Sulfuric acid, 3% solution	100 mL	SK3-OT-100
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### Tincture of iodine, 1%

Iodine alcoholic solution.

100 mL	TJ-OT-100
1000 mL	TJ-OT-1L

### Trichloroacetic acid, solution

For use with Fouchet-Van Gieson kit.

100 mL	TKO-OT-100
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### Toluidine Blue, solution

Solution for nuclear staining and metachromatic staining of mastocytes in connective tissues.

100 mL	TB-OT-100
250 mL	TB-OT-250

### Urignost S reagent

Modification according to Sternheimer for staining and microscopical analysis of urine sediment. A component of UriGnost S kit.

UriGnost S reagent for 500 tests	50 mL	UGS-500
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UriGnost S reagent for 1000 tests	100 mL	UGS-1000
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\* for more information, see pages 51 and 81

### Urignost SM reagent

Modification according to Sternheimer-Malbin for staining and microscopical analysis of urine sediment. A component of UriGnost SM kit.

UriGnost SM reagent for 500 tests	50 mL	UGSM-500
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UriGnost SM reagent for 1000 tests	100 mL	UGSM-1000
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\* for more information, see pages 51 and 81





Note: contact us for information about larger and more affordable packaging (500 g and larger)

**Acridine Orange, C.I. 46005**

Basic Orange 14. For staining acid mucopolysaccharides, apoptosis detection, differential staining of RNA and DNA.

25 g	AO-P-25
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**Alcian Blue 8 GX, C.I. 74240**

Ingrain Blue 1, BSC certified. For staining acid mucopolysaccharides according to Scott, Mowry and Dorling.

5 g	CA8GX-P-5
10 g	CA8GX-P-10
25 g	CA8GX-P-25

**Alcian Green**

Ingrain Green 2. For staining cartilage, sulfated and carboxylated mucopolysaccharides.

10 g	ALG-P-10
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**Alcian Yellow, C.I. 12840**

Ingrain Yellow 1. Used for distinguishing types of glycosaminoglycans and for detection of neuro-secretory material.

10 g	AY-P-10
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**Amido Black 10B, C.I. 20470**

Naphthol blue black, Acid Black 1. For collagen staining according to Van Gieson trichrome and for hemoglobin and hemosiderin staining according to Puchtler-Swear.

10 g	AMB-P-10
25 g	AMB-P-25

**Aniline Blue, C.I. 42780**

Methyl Blue, Cotton Blue, Ink Blue, China blue, Acid Blue 93, BSC certified. For staining connective tissue using Mallory and Gomori trichrome methods.

25 g	CAB-P-25
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**Auramine O, C.I. 41000**

Basic Yellow 2, BSC certified stain. For staining acid-fast bacteria.

25 g	AU-P-25
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**Azocarmine G, C.I. 50085**

Rosinduline. For staining according to AZAN trichrome method according to Heidenhain.

5 g	AZC-P-5
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**Azophloxine, C.I. 18050**

Red 2G, Acid red 1. For staining according to Masson trichrome methods (used instead of red Biebrich Scarlet and Fuchsin Acid stains).

5 g	AZO-P-5
25 g	AZO-P-25

**Azure A, C.I. 52005**

Methylene Azure. For metachromatic staining of mast cells.

25 g	AA-P-25
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**Azure B, C.I. 52010**

Azure I. For preparation of Romanowsky stains, for staining nuclei or nuclear components.

25 g	AZB-P-25
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**Azure C, C.I. 52002**

Azure C blue. For staining cell nuclei and nuclear components, such as DNA.

25 g	AC-P-25
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**Azure II**

Azure II. For preparation of Romanowsky stains, made by mixing Azure B and Methylene Blue stains.

25 g	A2-P-25
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**Azure II Eosinate**

Azure II eosinate. For preparation of Romanowsky stains, made by mixing equal ratios of Azure B, Methylene Blue and Eosin Y stains.

25 g	A2E-P-25
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**Biebrich Scarlet, C.I. 26905**

Croceine Scarlet, Ponceau B, Ponceau BS, BSC certified stain. For Masson trichrome staining and a component of Shorr's solution.

25 g	BS-P-25
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**Bismarck Brown Y, C.I. 21000**

Bismarck Brown Y, Vesuvine BA, BSC certified. For use in histopathology and cytology.

25 g	BB-P-25
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**Brilliant Cresyl Blue, C.I. 51010**

For use in hematology (for reticulocyte staining) and histology (for acid mucopolysaccharides).

10 g	BCB-P-10
25 g	BCB-P-25

**Brilliant Green Certified, C.I. 42040**

Malachite Green G, Basic Green 1, Emerald Green. For bacteriostatic use.

25 g	BG-P-25
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**Carmine, C.I. 75470**

Natural Red 4, Cochineal, Nacaral, carminic acid and aluminum compound. For staining mucicarmines and glycogens.

5 g	CAR-P-5
10 g	CAR-P-10
25 g	CAR-P-25

**Carminic acid, C.I. 75470**

Natural Red 4. For staining mucicarmine and glycogen.

5 g	CARA-P-5
10 g	CARA-P-10
25 g	CARA-P-25

**Celestine Blue, C.I. 51050**

Celestine blue B, Mordant blue 14. For staining nuclei dark blue, used as hematoxylin substitute.

10 g	CB-P-10
25 g	CB-P-25

**Chromotrope 2R, C.I. 16570**

Acid Red 29, Mordant Blue 80. For counterstaining cytoplasm in histopathology used as eosin substitute in HE staining and in trichrome stains.

25 g	C2R-P-25
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**Congo Red, C.I. 22120**

Direct Red 28, Kongorot, BSC certified stain. For staining of amyloids according to Highman and Puchtler, and for elastic fiber staining.

25 g CR-P-25

**Cresyl Violet Acetate Certified**

Cresyl Violet, Oxazine 9, Cresyl Echt Violet. For use in microbiology and histology.

25 g CVA-P-25

**Eosin B, C.I. 45400**

Eosin B, Eosin Bluish, Imperial Red, Acid Red 91, BSC certified. For staining according to Romanowsky. Used for staining red blood cells, connective tissues and as a counterstain for the Gram stain.

25 g EB-P-25

**Eosin Y, C.I. 45380**

Eosin Yellowish, Acid Red 87, Eosin WS, BSC certified stain. Counterstain for hematoxylin, and for preparation of EA Pap stains and polychromatic hematological stains.

25 g EOY-P-25  
100 g EOY-P-100  
500 g EOY-P-500

**Fast Green F.C.F., C.I. 42053**

Food Green 3, Solid Green F.C.F, 1724 Green, BSC certified stain. For trichrome staining according to Gomori and Masson.

25 g FG-P-25

**Fuchsin Acid, C.I. 42685**

Acid fuchsine, Acid Violet 19, BSC certified stain. For staining connective tissue according to Van Gieson and Mallory.

25 g FA-P-25

**Fuchsin Basic, C.I. 42510**

Basic fuchsine, Basic Violet 14, BSC certified stain. For staining mucins, Negri bodies and acid-fast organisms.

25 g FB-P-25  
100 g FB-P-100

**Fuchsin Basic - Schiff, C.I. 42500**

Pararosaniline HCl, Basic Red 9, BSC certified stain. Used for P.A.S. (Periodic Acid Schiff) staining, DNA staining according to Feulgen and acid-fast bacteria staining.

25 g FBS-P-25  
50 g FBS-P-50

**Gentian Violet, C.I. 42555**

Crystal Violet, Methyl Violet 10B, BSC certified stain. For bacterial staining according to Gram.

25 g GV-P-25  
100 g GV-P-100

**Giemsa**

BSC certified stain. Romanowsky dye for staining according to Pappenheim. Polychromatic dye used for identification of chromosomal damage and as a differentiating stain.

25 g G-P-25  
50 g G-P-50

**Hematoxylin, C.I. 75290**

Natural Black 1, BSC certified stain. For preparation of nuclear staining reagents.

25 g H-P-25  
100 g H-P-100

**Janus Green B, C.I. 11050**

Diazine Green, BSC certified stain. For displaying mitochondria in living cells.

25 g JG-P-25

**Jenner Stain**

Jenner, BSC certified stain. Romanowsky polychromatic stain routinely used in hematology for staining blood smears.

25 g JS-P-25

**Leishman Stain**

Eosin-polychrome Methylene Blue. Romanowsky polychromatic dye. Used to distinguish and identify leukocytes and malaria parasites.

25 g LS-P-25

**Light Green S.F., C.I. 42095**

Acid Green 5, Pencil Green SF, BSC certified stain. For counterstaining according to Papanicolaou and Masson trichrome methods.

25 g LG-P-25

**Luxol Fast Blue MBSN, C.I. 74180**

Luxol Fast Blue, Solvent Blue 38. For use in histology.

25 g LFB-P-25

**Malachite Green, C.I. 42000**

Malachite Green Oxalate, Basic Green 4, Victoria Green, BSC certified stain. Counterstain in TB Malachite Green reagent used in TB-Stain Cold kit.

10 g MAG-P-10  
25 g MAG-P-25

**May-Gruenwald**

Polychromatic Romanowsky dye. For blood smears and bone marrow staining.

25 g MG-P-25  
50 g MG-P-50

**Metanil Yellow, C.I. 13065**

Acid yellow 36. For staining cytoplasm, muscle connectors, and identifying parietal cells of gastric glands.

25 g MEY-P-25  
50 g MEY-P-50  
100 g MEY-P-100

**Methyl Green, C.I. 42590**

For staining nuclei green.

25 g MGR-P-25

**Methyl Violet, C.I. 42535**

Methyl Violet 2B, Basic Violet 1, BSC certified stain. For bacterial staining according to Gram.

25 g MV-P-25

**Methylene Blue, C.I. 52015**

Basic Blue 9, BSC certified stain. Used for the preparation of Romanowsky polychromatic stain for staining of bone marrow and as a counterstain in staining of acid-fast bacteria.

25 g MB-P-25  
100 g MB-P-100

**Methylene Green, C.I. 52020**

Methylene Green, BSC certified stain. For staining nuclei green.

25 g MEG-P-25

**Neutral Red, C.I. 50040**

Basic Red 5, BSC certified stain. For supravital staining of blood cells using Neutral Red-Janus Green B method.

25 g NR-P-25

**Nigrosine WS, C.I. 50420**

Nigrosine water soluble, Nigrosine B. For use in microbiology and cytology, as negative staining.

25 g NGR-P-25

**Nuclear Fast Red, C.I. 60760**

Kernechtrot. Used for staining nuclei red by creating complex with aluminum.

5 g NF-P-5

**Oil Red O, C.I. 26125**

Sudan Red 5B, BSC certified stain. For staining lipids.

25 g ORO-P-25

**Orange II, C.I. 15510**

Acid Orange 7, BSC certified stain. Used as a counterstain, as a substitute for Orange G.

25 g O2-P-25

**Orange G, C.I. 16230**

Acid Orange 10, Acid Fast Orange G, BSC certified stain. For staining keratin according to Papanicolaou, counterstain for hematoxylin.

25 g OG-P-25  
100 g OG-P-100

**Orcein, C.I. (ed.1) 1242**

Natural Red 28, Orcein Synthetic. For staining elastic tissues and viral inclusion bodies of the hepatitis B surface antigen.

5 g ORC-P-5  
10 g ORC-P-10

**Phloxine B, C.I. 45410**

Acid Red 92, Eosin 10B, Eosin Blue, BSC certified stain. For Methylene Blue-Phloxine staining and staining keratin and mucus according to Kreyberg.

25 g PB-P-25

**Ponceau S, C.I. 27195**

Acid Red 112, Fast Ponceau 2B. For use in electrophoresis.

25 g PS-P-25

**Potassium permanganate**

Synonym: Potassium (VII) manganate, Condy's crystals. Potassium permanganate for use in microscopy.

50 g KPH-P-50  
100 g KPH-P-100  
500 g KPH-P-500

**Pyronine B, C.I. 45010**

Pyronine B, BSC certified stain. For bacterial, molds and RNA staining.

25 g PYB-P-25

**Resorcinol, C.I. 76505**

Resorcin, 1.3-benzendiol. Used for differentiation between aldoses and ketoses in Seliwanoff's test by staining ketose sugars dark red.

25 g RES-P-25

**Rhodamine B, C.I. 45170**

Basic Violet, Acid Red 52. For staining acid-fast bacteria.

25 g RHB-P-25

**Rhodanine**

DMAB-Rhodanine. For staining deposits of copper bound to proteins.

5 g RHO-P-5

**Rose Bengal, C.I. 45440**

Acid Red 94, BSC certified stain. For staining in microscopy and histology.

25 g RB-P-25

**Safranin O, C.I. 50240**

Basic Red 2, Safranin T, Phenazinium, BSC certified stain. Counterstain in the Gram method for detecting Gram-negative bacteria.

25 g SO-P-25

**Sudan III, C.I. 26100**

Solvent Red 23, Sudan G, Fat Ponceau G, BSC certified stain. For lipid staining according to Lillie-Ashburn.

25 g S3-P-25

**Sudan IV, C.I. 26105**

Solvent Red 24, Scarlet Red, Biebrich Scarlet R, Fat Ponceau. For staining lipids according to Churukian's modification of Lillie-Ashburn's method.

25 g S4-P-25

**Sudan Black B, C.I. 26150**

Sudan Black, Solvent Black 3, Fat Black HB. For staining lipids and other hydrophobic materials.

5 g SB-P-5  
10 g SB-P-10

**Toluidine Blue O, C.I. 52040**

Basic Blue 17, Tolonium Chloride, BSC certified stain. For staining mast cells, cartilage and Nissl bodies in the spinal cord.

25 g TB-P-25  
100 g TB-P-100

**Victoria Blue B, C.I. 44045**

Basic Blue 26, Fat Blue B. For use in cytology and histology.

25 g VBB-P-25

**Victoria Blue R, C.I. 42563**

Basic Blue 8, Fat Blue 4R. For use in microbiology and histology.

25 g VBR-P-25

**Water Blue, C.I. 42755**

Acid Blue 22, BSC certified stain. For staining connective tissue according to Mallory and Gomori trichrome methods.

25 g WB-P-25

**Wright's Stain**

Colorants de Wright, BSC certified stain. Part of polychromatic Romanowsky stains commonly used in hematology.

25 g WS-P-25

**Xylidine Ponceau, C.I. 16150**

Ponceau 2R, Ponceau de Xylidine, BSC certified stain. For Masson trichrome staining.

25 g XP-P-25







## Chemicals for laboratory use

For those who want to make reagents according to their own formulations, we offer high quality chemicals. Contact us regarding chemicals (packaging and reference number) that are both listed and non-listed in catalog, but are necessary for histopathology and laboratory practice.

Product name Formula	CAS number	EC number
<b>Acetic acid for histology</b> $\text{CH}_3\text{COOH}$	64-19-7	200-580-7
<b>Acetone</b> $\text{CH}_3\text{COCH}_3$	67-64-1	200-662-2
<b>Aluminum (III) chloride anhydrous, p.a.</b> $\text{AlCl}_3$	7446-70-0	231-208-1
<b>Aluminum ammonium sulfate dodecahydrate, p.a.</b> $\text{AlNH}_4(\text{SO}_4)_2 \times 12\text{H}_2\text{O}$	7784-26-1	232-055-3
<b>Aluminum sulfate octadecahydrate, p.a.</b> $\text{Al}_2(\text{SO}_4)_3 \times 18\text{H}_2\text{O}$	7784-31-8	233-135-0
<b>Ammonia, solution 28-30%</b> $\text{NH}_4\text{OH}$	1336-21-6	215-647-6
<b>Ammonium chloride, p.a.</b> $\text{NH}_4\text{Cl}$	12125-02-9	235-186-4
<b>Ammonium iron (III) sulphate dodecahydrate, p.a.</b> $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \times 12\text{H}_2\text{O}$	7783-83-7	233-382-4
<b>Chloral hydrate p.a.</b> $\text{C}_2\text{H}_3\text{Cl}_3\text{O}_2$	302-17-0	206-117-5
<b>Chloroform, p.a.</b> $\text{CH}_3\text{Cl}$	67-66-3	200-663-8
<b>Chromic acid, crystals</b> $\text{CrO}_3$	1333-82-0	215-607-8
<b>Citric acid monohydrate, p.a.</b> $\text{C}_6\text{H}_8\text{O}_7 \times \text{H}_2\text{O}$	5949-29-1	201-069-1
<b>Diethyl ether, p.a.</b> $(\text{CH}_3\text{CH}_2)_2\text{O}$	60-29-7	200-467-2
<b>Disodium phosphate anhydrate</b> $\text{Na}_2\text{HPO}_4$	7558-79-4	231-448-7
<b>EDTA disodium salt, dihydrate</b> $\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \times 2\text{H}_2\text{O}$	6381-92-6	205-358-3
<b>Ethyl alcohol 50, 70, 80, 95, 96, 100</b> $\text{CH}_3\text{CH}_2\text{OH}$	64-17-15	200-578-6
<b>Ethylene glycol</b> $\text{HOCH}_2\text{CH}_2\text{OH}$	107-21-1	203-473-3

Product name Formula	CAS number	EC number
<b>Formaldehyde 37% p.a.</b> $\text{HCHO}$	50-00-0	200-001-8
<b>Formic acid, p.a.</b> $\text{CH}_2\text{O}_2$	64-18-6	200-579-1
<b>Glacial acetic acid</b> $\text{C}_2\text{H}_4\text{O}_2$	64-19-7	200-580-7
<b>Glycerol</b> $\text{C}_3\text{H}_8\text{O}_3$	56-81-5	200-289-5
<b>Gold chloride, 10% solution</b> $\text{HAuCl}_4$	16903-35-8	
<b>Hexamethylenetetramine, p.a.</b> $\text{C}_6\text{H}_{12}\text{N}_4$	100-97-0	202-905-8
<b>Hydrochloric acid, min. 36.5%, p.a.</b> $\text{HCl}$	7647-01-0	231-595-7
<b>Hydrogen peroxide 30%, p.a.</b> $\text{H}_2\text{O}_2$	7722-84-1	231-765-0
<b>Hydroquinone, p.a.</b> $\text{C}_6\text{H}_6\text{O}_2$	123-31-9	204-617-8
<b>Hydroxypropyl Methyl Cellulose</b> $\text{C}_9\text{H}_{17}\text{O}_6$	9004-64-3	618-389-6
<b>Iodine, p.a.</b> $\text{I}_2$	7553-56-2	231-442-4
<b>Iron (III) chloride hexahydrate, p.a.</b> $\text{FeCl}_3 \times 6\text{H}_2\text{O}$	10025-77-1	231-729-4
<b>Isobutyl alcohol</b> $\text{C}_4\text{H}_{10}\text{O}$	71-36-3	200-751-6
<b>Isopropyl alcohol</b> $(\text{CH}_3)_2\text{CHOH}$	67-63-0	200-661-7
<b>Magnesium chloride hexahydrate, p.a.</b> $\text{MgCl}_2 \times 6\text{H}_2\text{O}$	7791-18-6	232-094-6
<b>Magnesium sulfate heptahydrate p.a.</b> $\text{MgSO}_4 \times 7\text{H}_2\text{O}$	10034-99-8	231-298-2
<b>Methanol</b> $\text{CH}_3\text{OH}$	97-56-1	200-659-6

Product name Formula	CAS number	EC number
<b>Nitric acid min. 65%, p.a.</b> $\text{HNO}_3$	7697-37-2	231-714-2
<b>Osmium(VIII) oxide, p.a.</b> $\text{OsO}_4$	20816-12-0	244-058-7
<b>Oxalic acid, p.a.</b> $\text{C}_2\text{H}_2\text{O}_4$	144-62-7	205-634-3
<b>Periodic acid, p.a.</b> $\text{H}_5\text{IO}_6$	10450-60-9	233-937-0
<b>Phenol, crystals</b> $\text{C}_6\text{H}_5\text{OH}$	12026-57-2	234-713-5
<b>Phosphomolybdic acid, crystals</b> $\text{H}_3[\text{P}(\text{Mo}_3\text{O}_{10})_4]$	12026-57-2	234-713-5
<b>Phosphotungstic acid, crystals</b> $\text{H}_3\text{O}_{40}\text{PW}_{12} \times \text{H}_2\text{O}$	12501-23-4	215-682-7
<b>Picric acid</b> $\text{C}_6\text{H}_3\text{N}_3\text{O}_7$	88-89-1	201-865-9
<b>Potassium dihydrogen phosphate anhydrate, p.a.</b> $\text{KH}_2\text{PO}_4$	7778-77-0	231-913-4
<b>Potassium hexacyanoferrate, p.a.</b> $\text{K}_3\text{Fe}(\text{CN})_6$	13746-66-2	237-323-3
<b>Potassium hydrogen phosphate anhydrate, p.a.</b> $\text{K}_2\text{HPO}_4$	7759-11-4	231-834-5
<b>Potassium iodate, p.a.</b> $\text{KIO}_3$	7758-05-6	231-831-9
<b>Potassium iodide, Ph.Eur.</b> $\text{KI}$	7681-11-0	231-659-4
<b>Potassium permanganate, p.a.</b> $\text{KMnO}_4$	7722-64-7	231-760-3

Product name Formula	CAS number	EC number
<b>Propylene oxide p.a.</b> $\text{C}_3\text{H}_6\text{O}$	75-56-9	200-879-2
<b>PVP-iodine</b> $\text{C}_6\text{H}_9\text{I}_2\text{NO}$	25655-41-8	607-771-8
<b>Silver nitrate, crystals</b> $\text{AgNO}_3$	7761-88-8	231-853-9
<b>Sodium chloride, p.a.</b> $\text{NaCl}$	7647-14-5	231-598-3
<b>Sodium dihydrogen phosphate monohydrate, p.a.</b> $\text{NaH}_2\text{PO}_4 \times \text{H}_2\text{O}$	10049-21-5	231-449-2
<b>Sodium hydrogen carbonate, p.a.</b> $\text{NaHCO}_3$	144-55-8	205-633-8
<b>Sodium hydroxide, p.a.</b> $\text{NaOH}$	1310-73-2	215-185-5
<b>Sodium iodate, p.a.</b> $\text{NaIO}_3$	7681-55-2	231-672-5
<b>Sodium metabisulfite, p.a.</b> $\text{Na}_2\text{S}_2\text{O}_5$	7681-57-4	231-673-0
<b>Sodium tetraborate decahydrate, p.a.</b> $\text{Na}_2\text{B}_4\text{O}_7 \times 10\text{H}_2\text{O}$	1303-96-4	215-540-4
<b>Sodium thiosulfate pentahydrate, p.a.</b> $\text{Na}_2\text{S}_2\text{O}_3 \times 5\text{H}_2\text{O}$	10102-17-7	231-867-5
<b>Xylene</b> $\text{C}_6\text{H}_4(\text{CH}_3)_2$	1330-20-7	215-535-7
<b>Xylene substitute</b> Aliphatic hydrocarbon	64742-48-9	920-901-0

## Cleaning solutions for microscope lens and removal of immersion oil from slides

### Clean Lens, solution 1

Solution according to Carl Zeiss formulation for cleaning microscope lens. Based on n-hexane and 2-propanol.

100 mL CL1-OT-100

### Clean Lens, solution 2

Solution for cleaning microscope lens and removing immersion oil from stained slide after using microscope. Based on diethyl ether and 2-propanol.

100 mL CL2-OT-100

### Clean Lens, solution 3

Solution for cleaning microscope lens and removing immersion oil from stained slide after using microscope. Based on petroleum ether and 2-propanol.

100 mL CL3-OT-100



## Laboratory diagnostics

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- VitroGnost slides for microscopy
  - Sample transport containers
  - Cassettes for histopathology
  - Pads and molds for histology
  - Equipment and accessories
- Accessories for microtome and cryostat
- Jars and stands for staining microscopy sections
- Accessories for storing microscope sections
- Brushes
- Laboratory equipment for urine sediment analysis
- Other laboratory equipment

## VitroGnost slides for microscopy

### Super grade

#### VitroGnost® Super Grade microscope slides

These slides are ideal for histology, pathology and cytology. Super Grade microscope slides of the highest quality and highest purity level ensure optimal conditions for microscopy and diagnostics.

Dimensions: 26x76x1 mm.

Cut edges, 90° corners°	50 pcs	10117102
Cut edges, frosted both sides, 90° corners°	50 pcs	10117107-1
Polished edges, 90° corners°	50 pcs	10117101P
Polished edges, frosted both sides, 90° corners°	50 pcs	10117107P
Polished edges, 45° corners°	50 pcs	10127101P
Polished edges, frosted both sides, 45° corners°	50 pcs	10127107P
Beveled edges, 45° corners°	50 pcs	10127101A
Beveled edges, frosted both sides, 45° corners°	50 pcs	10127107A

#### VitroGnost® Color Super Grade microscope slides

These slides are ideal for histology, pathology and cytology. Color Super Grade microscope slides of the highest quality and highest processing level ensure optimal conditions for microscopy and diagnostics. Colored label field of the slides enable easier sorting and marking.

Dimensions: 26x76x1 mm.

Polished edges, WHITE, 45° corners	50 pcs	10128105PW
Polished edges, BLUE, 45° corners	50 pcs	10128105PB
Polished edges, YELLOW, 45° corners	50 pcs	10128105PY
Polished edges, GREEN, 45° corners	50 pcs	10128105PG
Polished edges, PINK, 45° corners	50 pcs	10128105PP
Polished edges, ORANGE, 45° corners	50 pcs	10128105PO
Polished edges, LILAC, 45° corners	50 pcs	10128105PL
Polished edges, PEACH, 45° corners	50 pcs	10128105PPe
Polished edges, GREY, 45° corners	50 pcs	10128105PGr
Polished edges, BROWN, 45° corners	50 pcs	10128105PBr
Polished edges, AQUA, 45° corners	50 pcs	10128105PAq
Polished edges, BEIGE, 45° corners	50 pcs	10128105PBe





## Economy grade

### VitroGnost® Economy Grade microscope slides

These slides are ideal for biochemistry and microbiology. Tissue paper interleaved. Economy Grade microscope slides are suitable for optical microscopy, routine procedures in biochemistry and microbiology laboratories.

Dimensions: 26x76x1 mm.

Cut edges, 90° corners	50 pcs	7102
Cut edges, frosted one side, 90° corners	50 pcs	7105-1
Polished edges, 90° corners	50 pcs	7101
Polished edges, frosted one side, 45° edges	50 pcs	7105

## Standard grade

### VitroGnost® Standard Grade microscope slides

These slides may be used for hematology, pathology and cytology. Tissue paper interleaved. Standard Grade microscope slides are suitable for optical microscopy, routine procedures in hematology, cytology and pathology laboratories.

Dimensions: 26x76x1 mm.

Cut edges, 90° corners	50 pcs	10217102
Cut edges, frosted both sides, 90° corners	50 pcs	10217107-1
Polished edges, 90° corners	50 pcs	10217101P
Polished edges, frosted both sides, 90° corners	50 pcs	10217107P
Polished edges, 45° corners	50 pcs	10227101P
Polished edges, frosted both sides, 45° corners	50 pcs	10227107P



## Cover glass for use in microscopy

### VitroGnost® cover glass - standard pack

0.13-0.17 mm thick microscope cover glass (Nr. 1.0). VitroGnost cover glasses of various dimensions used in optical microscopy.

18x18 mm	200 pcs	10211818C
20x20 mm	200 pcs	10212020C
22x22 mm	200 pcs	10212222C
24x24 mm	200 pcs	10212424C
24x32 mm	100 pcs	10212432C
24x40 mm	100 pcs	10212440C
24x50 mm	100 pcs	10212450C
24x60 mm	100 pcs	10212460C

# VitroGnost slides for microscopy

## Adhesive microscope slides

### VitroGnost® Plus Ultra adhesive microscope slides

These slides are ideal for pathology, cytology, and special immunohistochemistry (IHC). VitroGnost Plus Ultra adhesive slide is a new generation slide with a denser and stronger positive charge on the surface to achieve even better adhesion of the sample. VitroGnost Plus Ultra adhesive slide can be used for many scientific purposes, especially with tissues difficult to fix, like breast tissue and samples of brain and skin. Dimensions: 26x76x1 mm.

72 pcs	103001A72
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### VitroGnost® PLL adhesive microscope slides

These slides are ideal for pathology, cytology, and special immunohistochemistry (IHC). Poly-L-lysine ensures covalent binding of the specimen to the microscope slide allowing better adhesion of the specimen onto slide. VitroGnost PLL adhesive microscope slides can be used with all samples regardless of the fixative used. Dimensions: 26x76x1 mm.

72 pcs	710972PLL
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### VitroGnost® SIL adhesive microscope slides

These slides are ideal for pathology, cytology, and special immunohistochemistry (IHC). Positively charged silanized VitroGnost adhesive microscope slides ensure better adhesion of negatively charged specimens onto slide. VitroGnost SIL adhesive microscope slides can be used with all samples regardless of the fixative used. Dimensions: 26x76x1 mm.

72 pcs	710972SIL
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### VitroGnost® Super Frost Plus adhesive microscope slide

Super Frost Plus glass slides are made by a process which electrostatically attracts fresh frozen and formalin fixed paraffin embedded tissue sections, binding them to the slide. Can be used in standard HE stains; it binds difficult cytology preparations. Used in complex techniques, such as *in situ* hybridization techniques. Dimensions: 25x75x1 mm.

72 pcs	108SFPA72
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## Slides for special use

### ChlamyGnost DFA microscope slides

Microscope slides for microbiology. VitroGnost special microscope slides have circled marks for samples. The slides are of highest quality and purity level. DFA slides are used for direct fluorescent diagnostics of Chlamydia trachomatis. Dimensions: 26x76x1 mm.

50 pcs	103710950
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# Sample transport containers

## Polypropylene containers for transporting samples

Container with cover for transporting histology samples and organs.

500 mL	1 pc	PK500
1000 mL	1 pc	PK1000
1200 mL	1 pc	PK1200
2500 mL	1 pc	PK2500
3750 mL	1 pc	PK3750
5000 mL	1 pc	PK5000
7000 mL	1 pc	PK7000
10000 mL	1 pc	PK10000

## Polypropylene container with screw cap for histology

Plastic container with screw cap for sampling and transporting histology and cytology samples. Ideal for liquid specimen collection, transportation and storage in harsh conditions. Effectively prevents formalin leakage and evaporation. Complies with transportation requirements.

graded mark to	volume to the top	packaging	product code
7 mL	7 mL	1 pc	TP-7-7
20 mL	25 mL	1 pc	TP-20-20
40 mL	50 mL	1 pc	TP-40-40
60 mL	75 mL	1 pc	TP-60-60
90 mL	95 mL	1 pc	TP-90-90
120 mL	145 mL	1 pc	TP-120-120
160 mL	170 mL	1 pc	TP-160-160
250 mL	275 mL	1 pc	TP-250-150
1000 mL	975 mL	1 pc	TP-1000-750



## Cassettes for histopathology

### Cassettes without lid - standard

Standard cassettes without lids made of polyoxymethylene with writing area for easy sample marking, organizing and identifying. Available in 5 different colors.

color	material	packaging	product code
White	P.O.M.	500 pcs	103W
Yellow	P.O.M.	500 pcs	103Y
Green	P.O.M.	500 pcs	103G
Pink	P.O.M.	500 pcs	103P
Blue	P.O.M.	500 pcs	103B



### Biopsy cassettes with lid

Biopsy cassettes made of polyoxymethylene with writing area for easy sample marking, organizing and identifying. Available in 12 different colors.

color	material	packaging	product code
White	P.O.M.	500 pcs	101W
Blue	P.O.M.	500 pcs	101B
Yellow	P.O.M.	500 pcs	101Y
Green	P.O.M.	500 pcs	101G
Pink	P.O.M.	500 pcs	101P
Orange	P.O.M.	500 pcs	101O
Lilac	P.O.M.	500 pcs	101L
Peach	P.O.M.	500 pcs	101Pe
Grey	P.O.M.	500 pcs	101Gr
Brown	P.O.M.	500 pcs	101Br
Aqua	P.O.M.	500 pcs	101Aq
Beige	P.O.M.	500 pcs	101Be



### Lid for cassettes

Cassette embedding stainless steel lid, standard.

material	packaging	product code
INOX	1 pc	51050103



### Histology cassettes with lid

Histology cassettes with lid made of polyoxymethylene with writing area for easy sample marking, organizing and identifying. Available in 12 different colors.

#### TYPE 102 - closing at the front side of the lid

color	material	packaging	product code
White	P.O.M.	250 pcs	102W
Blue	P.O.M.	250 pcs	102B
Yellow	P.O.M.	250 pcs	102Y
Green	P.O.M.	250 pcs	102G
Pink	P.O.M.	250 pcs	102P
Orange	P.O.M.	250 pcs	102O
Lilac	P.O.M.	250 pcs	102L
Peach	P.O.M.	250 pcs	102Pe
Grey	P.O.M.	250 pcs	102Gr
Brown	P.O.M.	250 pcs	102Br
Aqua	P.O.M.	250 pcs	102Aq
Beige	P.O.M.	250 pcs	102Be



#### TYPE 107 - closing at the back side of the lid

color	material	packaging	product code
White	P.O.M.	500 pcs	107W
Blue	P.O.M.	500 pcs	107B
Yellow	P.O.M.	500 pcs	107Y
Green	P.O.M.	500 pcs	107G
Pink	P.O.M.	500 pcs	107P
Orange	P.O.M.	500 pcs	107O
Lilac	P.O.M.	500 pcs	107L
Peach	P.O.M.	500 pcs	107Pe
Grey	P.O.M.	500 pcs	107Gr
Brown	P.O.M.	500 pcs	107Br
Aqua	P.O.M.	500 pcs	107Aq
Beige	P.O.M.	500 pcs	107Be



### Cassettes with lid for small biopsy

Small biopsy cassettes with lid made of polyoxymethylene with writing area for easy sample marking, organizing and identifying.

color	material	packaging	product code
White	P.O.M.	250 pcs	104W
Blue	P.O.M.	250 pcs	104B
Yellow	P.O.M.	250 pcs	104Y
Green	P.O.M.	250 pcs	104G
Pink	P.O.M.	250 pcs	104P
Orange	P.O.M.	250 pcs	104O
Lilac	P.O.M.	250 pcs	104L
Peach	P.O.M.	250 pcs	104Pe
Grey	P.O.M.	250 pcs	104Gr
Brown	P.O.M.	250 pcs	104Br
Aqua	P.O.M.	250 pcs	104Aq
Beige	P.O.M.	250 pcs	104Be





## Pads and molds for histology

### Metal histology mold

dimension	material	packaging	product code
7x7x6 mm	INOX	1 pc	51050707
15x15x6 mm	INOX	1 pc	51051515
24x24x6 mm	INOX	1 pc	51052424
30x24x6 mm	INOX	1 pc	51053024
37x24x6 mm	INOX	1 pc	51053724
65x45x15 mm	INOX	1 pc	BO07-7010

### Biopsy pads for cassettes, blue

Solvent resistant biopsy pads for small samples processing.

1000 pcs SP-1000



## Equipment and accessories

### Polyethylene dissecting boards

Boards for pathohistological tissue dissection made of polyethylene.

HDPE, white, dimensions 60x40x1.5 cm	1 pc	BC001
HDPE, dark blue, dimensions 40x30x2.5 cm	1 pc	BC032
HDPE, white, dimensions 40x30x1.5 cm	1 pc	BC061CS



## Accessories for microtome and cryostat

### Microtome blades for histology, high profile

#### Bio/Cut microtome blades - high profile

Bio/Cut H35C microtome blades for cryotome, high profile (wide). Ideal for frozen sections. Suitable for both soft and hard tissues.

50 pcs	Bio/Cut H35C
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#### Histoblades Duraedge histology blades - high profile

HistoBlades Duraedge blades with Teflon coating – high profile.

50 pcs	7310
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### Microtome blades for histology, low profile

#### Bio/Cut microtome blades - low profile

Bio/Cut microtome blades manufactured in order to provide most precise sectioning.

Bio/Cut 22A microtome blades for ultra-thin sections, kidneys and lymph nodes, narrow blade	50 pcs	Bio/Cut 22A
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Bio/Cut 35A microtome blades for soft and hard tissues, low profile	50 pcs	Bio/Cut 35A
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Bio/Cut 35B microtome blades for soft tissues, low profile	50 pcs	Bio/Cut 35B
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Bio/Cut 35N microtome blades for thin sections, low profile	50 pcs	Bio/Cut 35N
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Bio/Cut 35R microtome blades for hard tissues, low profile	50 pcs	Bio/Cut 35R
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Bio/Cut 35S microtome blades for hard tissues, low profile	50 pcs	Bio/Cut 35S
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#### Histoblades Duraedge histology blades - low profile

HistoBlades Duraedge blades with Teflon coating – low profile.

50 pcs	7223
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#### Histoblades Encore histology blades - low profile

Extremely sharp new generation Teflon coated blades – low profile.

50 pcs	7380
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## Jars and stands for staining microscopy sections

### Glass staining jars

Glass staining jars with covers for staining according to Coplin, Hellendahl and Schifferdecker.

Glass staining jars for 5 slides with cover, Coplin	1 pc	10130505
Glass staining jars for 9 slides with cover, Hellendahl	1 pc	10130609
Glass staining jars for 10 slides with cover, Schifferdecker	1 pc	10130510

### Glass jars and metal racks for staining 30 - 60 samples

Glass jars (transparent or brown) with covers for staining samples and corresponding racks.

Glass staining jars for 30 slides with cover (with rack, product code: 50101630)	1 pc	10130530C
Glass staining jars for 30 slides with cover, brown (with rack, product code: 50101630)	1 pc	10130530B
Glass staining jars for 60 slides with cover (with rack, product code: 50101660)	1 pc	10130560
Rack for staining 30 slides, inox (for glass jars, product code: 10130530C and B)	1 pc	50101630
Rack for staining 60 slides, inox (for glass jars, product code: 10130560)	1 pc	50101660



## Accessories for storing microscope sections

### Microscope slide mailers

Microscope slide mailers made of polypropylene. Ideal for microscope slide transport and storage. Made of thick, high-strength material.

Microscope slide mailer for 1 slide, polypropylene	100 pcs	31011001MA
Microscope slide mailer for 2 slides, polypropylene	100 pcs	31011002MA
Microscope slide mailer for 2 slides, polypropylene, blue, slides in vertical position	100 pcs	31011102BB
Microscope slide mailer for 2 slides, polypropylene, colorless, slides in vertical position	100 pcs	31011102BN
Microscope slide mailer for 5 slides, polypropylene, colorless, slides in vertical position	100 pcs	31011005MA

### Cardboard microscope slides tray

Microscope slide tray made of cardboard used for holding and storing histology slides.

Cardboard microscope slide tray for 20 slides, without cover	10 pcs	60001021
Cardboard microscope slide tray for 20 slides, with cover and partitions	5 pcs	60001020
Cardboard microscope slide tray for 24 slides, with cover and without partitions	5 pcs	60001024

### Plastic microscope slides tray

Microscope slide tray made of plastic used for holding and storing histology slides.

Plastic microscope slide tray for 20 slides, without cover, white	1 pc	31013020W
Plastic microscope slide tray for 20 slides, without cover, green	1 pc	31013020G
Plastic microscope slide tray for 20 slides, without cover, pink	1 pc	31013020P
Plastic microscope slide tray for 20 slides, without cover, blue	1 pc	31013020B



### Microscope slide plastic box

Boxes for microscope slide storage. Compact and long-lasting boxes are the best choice for slide protection in laboratory. Enumerated stands make slide organization easier and simpler. Made of ABS material.

Microscope slide box for 12 slides, ABS, orange	1 pc	31012012AO
Microscope slide box for 25 slides, ABS, red, blue or green	1 pc	31012025AG
Microscope slide box for 50 slides, ABS, grey	1 pc	31012050AG
Microscope slide box for 100 slides, ABS, grey or white	1 pc	31012100AG

### Complete storage cabinets

Complete storage cabinets for slides and paraffin blocks.

Complete storage cabinet for 13500 paraffin blocks	1 pc	044001
Complete storage cabinet for 56000 histological slides	1 pc	044000
Complete storage cabinet for 28000 histological slides and 4500 paraffin blocks	1 pc	044101

### Structural parts for storage cabinets

Parts for storage cabinets for slides and paraffin blocks. Heavy gauge metal, white powder coating.

Modular base, external dimensions: 485x480x76 mm.	1 pc	51040010
Modular top, external dimensions: 485x480x26 mm.	1 pc	51040040
Modular blocks drawer, holds 900 blocks. External dimensions: 485x480x91 mm.	1 pc	51040801
Modular microscope slide drawer, holds 5600 slides. External dimensions: 485x480x91 mm.	1 pc	51045001

Modular storage drawer for slides in vertical position. Magnetized slide/cassette stopper, stainless steel material.	1 pc	51040042
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Brushes

Cervical sampling tools

<b>Cervical brush</b> Disposable brushes for cytological sample collection.		
Cervical Brush for cervical samples collection	50 pcs	92014000

<b>Cervical brush combi</b> Disposable brushes for ectocervical and endocervical samples collection with a snap-off head.		
Cervical Brush Combi for cervical samples collection	50 pcs	92013000

<b>Cervical brush S</b> Disposable brushes for vaginal, ectocervical and endocervical samples collection.		
Cervical Brush S for cervical samples collection	50 pcs	92011000

<b>Cervical spatula</b> Disposable Ayre spatulas for ectocervical and endocervical sampling.		
Cervical spatula	100 pcs	93021000

<b>Cito brush</b> Disposable brushes for endocervical samples collection.		
Cito brush for cervical samples collection	100 pcs	92010000

Cito brush for cervical samples collection, sterile	100 pcs	92010000EO
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## Laboratory equipment for urine sediment analysis

### Urine tubes and pipettes for urine sediment analysis

Tubes with retentive bottom for urine sedimentation, and pipette for decanting of sediment.

UriGnost tube, 15 mL, with screw cap, retentive bottom, vol. 0.2 mL, graduated at 2.5/5/10/12 mL	500 pcs	84020-2501
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Pipette tips 200 µL, Eppendorf/Universal type, yellow	500 pcs	3601-500
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\* part of UriGnost S and UriGnost SM kits, for more information, see pages 51 and 58

### Urine plates for urine sediment analysis

Disposable plates used for microscopical analysis and counting elements of urine sediment.

UriGnost 10 plate, 50 pcs for 500 urine sediment analyses	50 pcs	UG10P-50
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UriGnost 10 plate, 100 pcs for 1000 urine sediment analyses	100 pcs	UG10P-100
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\* part of UriGnost S and UriGnost SM kits, for more information, see pages 51 and 58

## Other laboratory equipment

### Postmortem suture

Postmortem polyester suture.

Postmortem suture, polyester, white	spool length 450 m	KZS BA028
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Postmortem suture, polyester 1 mm, processed with wax, beige	spool length 335 m	KZS BA024
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Postmortem suture, polyester 1 mm, processed with wax, white	spool length 335 m	KZS BA041
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### Filters for cytocentrifuges

Filter papers for cytocentrifuges with one or two holes.

Cytocentrifuge filter paper with one hole	200 pcs	JC305
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Cytocentrifuge filter paper with two holes	500 pcs	JC307
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### Histology filter paper - sheets

For general laboratory use.

Filter papers for histology - sheets size 50x50 cm	1 pc	22/N
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### Watch glass

Glass for laboratory use.

Watch glass diameter 50 mm	1 pc	11750050
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Watch glass diameter 100 mm	1 pc	11750100
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## Contact information

BioGnost Ltd.,  
Medjugorska 59,  
10040 Croatia (Europe)

WORKING HOURS  
Monday through Friday  
8:00 to 16:00 (CET)

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website: <http://www.biognost.com>  
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# Index

4% Formaldehyde	10	
4% NB Formaldehyde	10	
4% NB Formaldehyde in transport containers and tanks		12
10% Formaldehyde	10	
10% Formalin, alcoholic solution	53	
10% NB Formaldehyde	10	
10% NB Formaldehyde in transport containers and tanks		12

## A

Acetic acid for histology	64	
Acetone	64	
Acid activation buffer	53	
Acid alcohol	28	
Acid alcohols	53	
Acid solution	53	
Acridine Orange, C.I. 46005	59	
Acridine Orange solution	53	
A.F.O.G. kit	43	
A.F.O.G. reagent	53	
Alcian Blue 8 GX, C.I. 74240	59	
Alcian Blue - P.A.S. kit	43	
Alcian Blue pH 1.0 kit	43	
Alcian Blue pH 2.5 kit	43	
Alcian Blue solution 1%	53	
Alcian Blue solution pH 1.0	53	
Alcian Blue solution pH 2.5	53	
Alcian Green	59	
Alcian Yellow, C.I. 12840	59	
Alcoholic Eosin Y solutions	29	
Aluminum ammonium sulfate dodecahydrate, p.a.		64
Aluminum (III) chloride anhydrous, p.a.	64	
Aluminum sulfate octadecahydrate, p.a.	64	
Amido Black 10B, C.I. 20470	59	
Ammonia, solution 28-30%	64	
Ammonium chloride, p.a.	64	
Ammonium iron (III) sulphate dodecahydrate, p.a.		64
Ammonium iron sulfate, solution	53	
Aniline, alcoholic solution	53	
Aniline Blue, C.I. 42780	59	
Aniline Blue reagent	53	
Auramine O, C.I. 41000	59	
Azan reagent	53	
Azan Trichrome kit	43	
Azocarmine G, C.I. 50085	59	
Azocarmine, solution	53	
Azophloxine, C.I. 18050	59	
Azure A, C.I. 52005	59	
Azure B, C.I. 52010	59	
Azure C, C.I. 52002	59	
Azure II	59	
Azure II Eosinate	59	

## B

Basic Activation buffer	53	
Benedict's reagent	53	
Biebrich Scarlet-Acid Fuchsin reagent		53
Biebrich Scarlet, C.I. 26905	59	
BioClear	15	
BioClear New	15	
Bio/Cut microtome blades - high profile		75
Bio/Cut microtome blades - low profile		75
Bio-Diff 1 reagent	32	
Bio-Diff 1 RTU reagent	33	
Bio-Diff 2 reagent	32	
Bio-Diff 2 RTU reagent	33	
Bio-Diff 3 reagent	32	
Bio-Diff 3 RTU reagent	33	
Bio-Diff kit	32	
Bio-Diff RTU kit	33, 44	
BioFix	11	
BioFix C	11	

BioFix HD	11	
BioForm S	11	
BioGram 4 kit	36	
BioGram Histo kit	44	
BioMount	18	
BioMount Aqua	19	
BioMount C	19	
BioMount DPX	17	
BioMount DPX High	17	
BioMount DPX Low	17	
BioMount DPX New	17	
BioMount High	18	
BioMount M	18	
BioMount New	17	
BioMount New Low	17	
Biopsy cassettes with lid	72	
Biopsy pads for cassettes, blue		74
BioSchiff reagent	54	
BioWax 52/54	22	
BioWax 56/58	22	
BioWax Blue	22	
BioWax Micro	22	
BioWax Plus 56/58	22	
Bismarck Brown Y, C.I. 21000	59	
Bluing reagent	30	
Bouin's solution	11	
Brilliant Cresyl Blue, C.I. 51010	59	
Brilliant Cresyl Blue, solution	35	
Brilliant Green Certified, C.I. 42040	59	
Buffer tablets pH 6.8	34	
Buffer tablets pH 7.2	33	

## C

Canada Balsam	19	
Carbol Fuchsin Gram 10x concentrated		37
Cardboard microscope slides tray		78
Carmine, C.I. 75470	59	
Carminic acid, C.I. 75470	59	
Cassettes with lid for small biopsy		73
Cassettes without lid - standard		72
Cedarwood oil	21	
Celestine Blue, C.I. 51050	59	
Cervical brush	80	
Cervical brush combi	80	
Cervical brush S	80	
Cervical spatula	80	
ChlamyGnost DFA microscope slides		70
Chloral hydrate p.a.	64	
Chloroform, p.a.	64	
Chromic acid, crystals	64	
Chromotrope 2R / Aniline Blue reagent		54
Chromotrope 2R, C.I. 16570	59	
Chromotrope 2R / Fast Green F.C.F. reagent		54
Cito brush	80	
CitoFix	11	
CitoSpray	11	
CitoSpray otopena	11	
Citric acid monohydrate, p.a.		64
Clean Lens, solution 1	65	
Clean Lens, solution 2	65	
Clean Lens, solution 3	65	
Complete storage cabinets		79
Congo Red, C.I. 22120	60	
Congo Red Highman kit	44	
Congo Red reagent	54	
Cresyl Violet Acetate Certified		60
Cresyl Violet, solution	54	
CryoFix Gel	23	
Cryo Spray	23	
Cryotome oil	76	

## D

DeHematin	11	
DeMold solution	23	
DeMold Spray	23	

Diethyl ether, p.a. **64**  
 Differentiating reagents based on hydrochloric acid **54**  
 Disodium phosphate anhydrate **64**  
 Duoline marker pen **9**

## E

EA 31 reagent, Pap 3A **31**  
 EA 50 reagent, Pap 3B **31**  
 EA 65 reagent, Pap 3C **31**  
 EA 65 reagent, Pap 3D **31**  
 EDTA disodium salt, dihydrate **64**  
 Ehrlich aldehyde reagent **54**  
 Eosin and nigrosin vital kit **44**  
 Eosin B, C.I. 45400 **60**  
 Eosin Contrast **29**  
 Eosin Contrast PLUS **29**  
 Eosin-nigrosin vital **44**  
 Eosin Y aqueous solutions **29**  
 Eosin Y, C.I. 45380 **60**  
 Eosin Y instant **29**  
 Eosin Y, isotonic solution **54**  
 Ethyl alcohol 50, 70, 80, 95, 96, 100 **64**  
 Ethylene glycol **64**

## F

Fast Green F.C.F., C.I. 42053 **60**  
 Fast Green F.C.F. contrast reagent **55**  
 Fast Green F.C.F. reagent **54**  
 Ferri reagents, Verhoeff B **55**  
 Ferri reagent, Weigert B **55**  
 Feulgen kit **45**  
 Field kit **35, 45**  
 Field, solution A **55**  
 Field, solution B **55**  
 Filters for cytocentrifuges **81**  
 Formaldehyde 37% for use in histology **10**  
 Formaldehyde 37% p.a. **64**  
 Formic acid, p.a. **64**  
 FormStop **12**  
 Fouchet-Van Gieson kit **45**  
 Fuchsin Acid, C.I. 42685 **60**  
 Fuchsin Acid reagent **55**  
 Fuchsin Acid Van Gieson reagent **55**  
 Fuchsin Basic, C.I. 42510 **60**  
 Fuchsin Basic reagent **55**  
 Fuchsin Basic - Schiff, C.I. 42500 **60**  
 Fuchsin Basic, solution **55**

## G

Gabbet reagent **39**  
 Gelatin, gel in transport jar **55**  
 Gentian Violet, C.I. 42555 **60**  
 Giemsa **60**  
 Giemsa HP kit **45**  
 Giemsa solution **34**  
 Glacial acetic acid **64**  
 Glass jars and metal racks for staining 30 - 60 samples **77**  
 Glass staining jars **77**  
 Glutaraldehyde, 4% buffered solution **55**  
 Glycerol **64**  
 Gold chloride, 10% solution **64**  
 Gold chloride solutions **55**  
 Gomori Trichrome kit **45**  
 Gram Crystal Violet 1% solution **36**  
 Gram Decolorizer solution 1 **37**  
 Gram Decolorizer solution 2 **36**  
 Gram Decolorizer solution 3 **37**  
 Gram Lugol solution **37**  
 Gram Lugol solution, stabilized **36**  
 Gram Safranin solution **36**  
 Grimelius kit **46**  
 Grocott kit **46**

## H

Hayem's solution **35**  
 H.B.F.P. kit **46**  
 HCL Pap reagent **30**  
 Hematoxylin CAR **28**  
 Hematoxylin, C.I. 75290 **60**  
 Hematoxylin COL **28**  
 Hematoxylin G1 **27, 30**  
 Hematoxylin G2 **27, 30**  
 Hematoxylin G3 **27, 30**  
 Hematoxylin H **27**  
 Hematoxylin HP, Pap 1A **30**  
 Hematoxylin HP, Pap 1B **30**  
 Hematoxylin Instant kit **28**  
 Hematoxylin M **27**  
 Hematoxylin ML **27**  
 Hematoxylin P.T.A. **28**  
 Hematoxylin P.T.A. kit **46**  
 Hematoxylin, Verhoeff A **55**  
 Hematoxylin, Weigert A **55**  
 Hematoxylin W kit **28, 46**  
 HemoGnost Perls kit **47**  
 Hexamethylenetetramine, p.a. **64**  
 Histanol 50 **14**  
 Histanol 70 **14**  
 Histanol 80 **14**  
 Histanol 95 **14**  
 Histanol 96 **14**  
 Histanol 100 **14**  
 Histanol EP 96 **14**  
 Histanol EP 100 **14**  
 Histanol G **14**  
 Histanol IP **14**  
 Histanol M **14**  
 Histoblades Duraedge histology blades - high profile **75**  
 Histoblades Duraedge histology blades - low profile **75**  
 Histoblades Encore histology blades - low profile **75**  
 Histology brushes **76**  
 Histology cassettes with lid **73**  
 Histology filter paper - sheets **81**  
 Hydrochloric acid, min. 36.5%, p.a. **64**  
 Hydrogen peroxide 30%, p.a. **64**  
 Hydroquinone, p.a. **64**  
 Hydroquinone, solution **55**  
 Hydroxypropyl Methyl Cellulose **64**

## I

Immersion oil **21**  
 Immersion oil, tropical grade **21**  
 Immersion oil type 37 **21**  
 Immersion oil type A **21**  
 Immersion oil type C **21**  
 Immersion oil type FF **21**  
 Iodine, p.a. **64**  
 Iodine solution, Verhoeff C **55**  
 Iron chloride, solution **55**  
 Iron (III) chloride hexahydrate, p.a. **64**  
 Isobutyl alcohol **64**  
 Isopropyl alcohol **64**

## J

Janus Green B, C.I. 11050 **60**  
 Jenner Stain **60**

## K

Kit for rapid HE staining of frozen and paraffin-embedded sections **28**  
 Kit for rapid Pap staining **31**

## L

Lactophenol Blue solution **41**  
 Lactophenol solution **41**

Leishman's solution **35**  
 Leishman Stain **60**  
 Lid for cassettes **72**  
 Light Green S.F., C.I. 42095 **60**  
 Light Green S.F. reagent **55**  
 Liquid Blocker marker pen **9**  
 Lithium carbonate, solution **55**  
 Lugol's C solution **37**  
 Lugol's solution, acid **37**  
 Lugol's solution, M.I.F. **55**  
 Lugol's solution (Schiller's test) **37**  
 Luxol Fast Blue kit **47**  
 Luxol Fast Blue MBSN, C.I. 74180 **60**  
 Luxol Fast Blue, solution **55**

## M

Magnesium chloride hexahydrate, p.a. **64**  
 Magnesium sulfate heptahydrate p.a. **64**  
 Malachite Green, C.I. 42000 **60**  
 Mallory Trichrome kit **47**  
 Masson Fontana kit **47**  
 Masson-Goldner Trichrome kit **48**  
 Masson Trichrome kit **48**  
 Mayer's carmalum **55**  
 Mayer's mucicarmine **55**  
 May-Gruenwald **60**  
 May-Gruenwald solution **34**  
 Metal histology mold **74**  
 Metanil Yellow, C.I. 13065 **60**  
 Metanil Yellow, solution **55**  
 Methanol **64**  
 Methenamine borate **56**  
 Methyl Blue Eosin, solution **56**  
 Methylene Blue 10X concentrated **38**  
 Methylene Blue, C.I. 52015 **60**  
 Methylene Blue Loeffler's reagent **38**  
 Methylene Green, C.I. 52020 **60**  
 Methyl Green, C.I. 42590 **60**  
 Methyl Violet, C.I. 42535 **60**  
 M.F. reagent **55**  
 Micro Clean **22**  
 Microscope slide mailers **78**  
 Microscope slide plastic box **79**  
 Microtome oil **76**  
 M.I.F. kit **47**  
 Movat kit **48**  
 Mucicarmine kit **48**  
 Myco-Mount Blue **41**  
 Myco-Mount Red **41**

## N

NB formaldehyde concentrated 5x **10**  
 Neutral Red, C.I. 50040 **61**  
 Neutral Red reagent **56**  
 Nigrosine, isotonic solution **56**  
 Nigrosine WS, C.I. 50420 **61**  
 Nitric acid min. 65%, p.a. **65**  
 Nuclear Fast Red, C.I. 60760 **61**  
 Nuclear Fast Red (Kernechtrot) reagent **56**

## O

OG-6 reagent, Pap 2A **31**  
 Oil Red O, C.I. 26125 **61**  
 Oil Red O kit **48**  
 Oil Red O reagent **56**  
 Orange G / Aniline Blue reagent **56**  
 Orange G, C.I. 16230 **61**  
 Orange II, C.I. 15510 **61**  
 Orange II reagent, Pap 2B **31**  
 Orcein, C.I. (ed.1) 1242 **61**  
 Orcein kit **49**  
 Orcein reagent **56**  
 Osmium(VIII) oxide, p.a. **65**

OsteoFast 1 **13**  
 OsteoFast 2 **13**  
 Osteosens **13**  
 Oxalic acid, p.a. **65**  
 Oxalic acid solutions **56**

## P

Paraldehyde Fuchsin kit **49**  
 Paraldehyde Fuchsin reagent **56**  
 P.A.S. kit **49**  
 P.A.S.M. kit **50**  
 Periodic acid, p.a. **65**  
 Periodic acid, solution **56**  
 Phenol, crystals **65**  
 Phloxine B, C.I. 45410 **61**  
 Phosphate buffered saline (PBS) **56**  
 Phosphomolybdic acid, 1% solution **56**  
 Phosphomolybdic acid, 5% solution **56**  
 Phosphomolybdic acid, crystals **65**  
 Phosphotungstic acid, 1% solution **57**  
 Phosphotungstic acid, crystals **65**  
 Picric acid **65**  
 Picric acid in acetone, solution **57**  
 Plastic microscope slides tray **78**  
 Polyethylene dissecting boards **74**  
 Polypropylene containers for transporting samples **71**  
 Polypropylene container with screw cap for histology **71**  
 Ponceau S, C.I. 27195 **61**  
 Postmortem suture **81**  
 Potassium dihydrogen phosphate anhydrate, p.a. **65**  
 Potassium hexacyanoferrate, p.a. **65**  
 Potassium hexacyanoferrate, solution **57**  
 Potassium hydrogen phosphate anhydrate, p.a. **65**  
 Potassium hydroxide, solution **57**  
 Potassium hydroxide, solution for fungi **41**  
 Potassium iodate, p.a. **65**  
 Potassium iodide, Ph.Eur. **65**  
 Potassium permanganate **61**  
 Potassium permanganate, p.a. **65**  
 Potassium permanganate, solutions **57**  
 Propylene glycol **57**  
 Propylene glycol, 85% **57**  
 Propylene oxide p.a. **65**  
 P.T.A. - P.M.A. reagent **57**  
 PVP-iodine **65**  
 Pyronine B, C.I. 45010 **61**

## R

Reagent for differentiation in Verhoeff kit **57**  
 Reagents for differentiation based on acetic acid **57**  
 Reducing buffer, solution **57**  
 Resorcine Fuchsin reagent **57**  
 Resorcinol, C.I. 76505 **61**  
 Reticulin Contrast kit **50**  
 Reticulin kit **50**  
 Rhodamine B, C.I. 45170 **61**  
 Rhodanine **61**  
 Rhodanine kit **50**  
 Rhodanine reagent **57**  
 Rose Bengal, C.I. 45440 **61**

## S

Safranin O 5x concentrated **37**  
 Safranin O, C.I. 50240 **61**  
 Scott's solution **28**  
 Shorr's solution **31**  
 Silver nitrate, crystals **65**  
 Silver nitrate solutions **57**  
 Sodium acetate, solution **57**  
 Sodium chloride, p.a. **65**  
 Sodium dihydrogen phosphate monohydrate, p.a. **65**  
 Sodium hydrogen carbonate, p.a. **65**  
 Sodium hydroxide, p.a. **65**



Sodium iodate, p.a. **65**  
 Sodium metabisulfite, p.a. **65**  
 Sodium metabisulfite solutions **57**  
 Sodium tetraborate decahydrate, p.a. **65**  
 Sodium tetraborate, solution **58**  
 Sodium thiosulfate pentahydrate, p.a. **65**  
 Sodium thiosulfate solution **58**  
 Structural parts for storage cabinets **79**  
 Sudan Black B, C.I. 26150 **61**  
 Sudan Black B kit **50**  
 Sudan Black B lipid kit **51**  
 Sudan Black B reagent **58**  
 Sudan Black B, solution **58**  
 Sudan III, C.I. 26100 **61**  
 Sudan IV, C.I. 26105 **61**  
 Sulfuric acid solutions **58**

## T

TB Auramine-Rhodamine reagent **40**  
 TB Carbol Fuchsin reagent **38, 39**  
 TB Decolorizer **38, 39**  
 TB Decolorizer Fluorescence **40**  
 TB Malachite Green reagent **39**  
 TB Permanganate reagent **40**  
 TB-Stain Cold kit **39**  
 TB-Stain Fluorescence kit **40**  
 TB-Stain Histo kit **51**  
 TB-Stain Hot kit **38**  
 Tincture of iodine, 1% **58**  
 Tissue marking dyes **8**  
 Tissue marking dyes, set **8**  
 Tissue Soft **23**  
 Toluidine Blue O, C.I. 52040 **61**  
 Toluidine Blue, solution **58**  
 Trichloroacetic acid, solution **58**  
 Tuerk's solution **35**

## U

UriGnost S kit **51**  
 UriGnost SM kit **51**  
 Urignost SM reagent **58**  
 Urignost S reagent **58**  
 Urine plates for urine sediment analysis **81**  
 Urine tubes and pipettes for urine sediment analysis **81**

## V

Van Gieson Trichrome kit **51**  
 Verhoeff kit **52**  
 Victoria Blue B, C.I. 44045 **61**  
 Victoria Blue R, C.I. 42563 **61**  
 VitroGnost® Color Super Grade microscope slides **68**  
 VitroGnost® cover glass - standard pack **69**  
 VitroGnost® Economy Grade microscope slides **69**  
 VitroGnost® PLL adhesive microscope slides **70**  
 VitroGnost® Plus Ultra adhesive microscope slides **70**  
 VitroGnost® SIL adhesive microscope slides **70**  
 VitroGnost® Standard Grade microscope slides **69**  
 VitroGnost® Super Frost Plus adhesive microscope slide **70**  
 VitroGnost® Super Grade microscope slides **68**  
 Von Kossa kit **52**

## W

Warthin Starry kit **52**  
 Watch glass **81**  
 Water Blue, C.I. 42755 **61**  
 Weigert-Van Gieson kit, rapid method **52**  
 Weigert-Van Gieson kit, standard method **52**  
 Wright-Giemsa solution **35**  
 Wright's solution **35**  
 Wright's Stain **61**  
 Write-On marker pen **9**

## X

Xylene **65**  
 Xylene substitute **65**  
 Xylidine Ponceau, C.I. 16150 **61**



**BioGnost Ltd.**

For development, manufacture and  
marketing of pharmaceuticals

Medjugorska 59, 10040 Zagreb, Croatia  
Tel: +385 1 2409997, Fax: +385 1 2404039  
sales@biognost.hr

[www.biognost.com](http://www.biognost.com)

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**EUREX MEDICA, spol. s r.o.**

Výstavní 604/111

703 00 Ostrava – Vítkovice

Tel.: 599 526 510,

Fax: 596 614 507

e-mail: [expedice@eurexmedica.cz](mailto:expedice@eurexmedica.cz)

web: <http://www.eurexmedica.cz>

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