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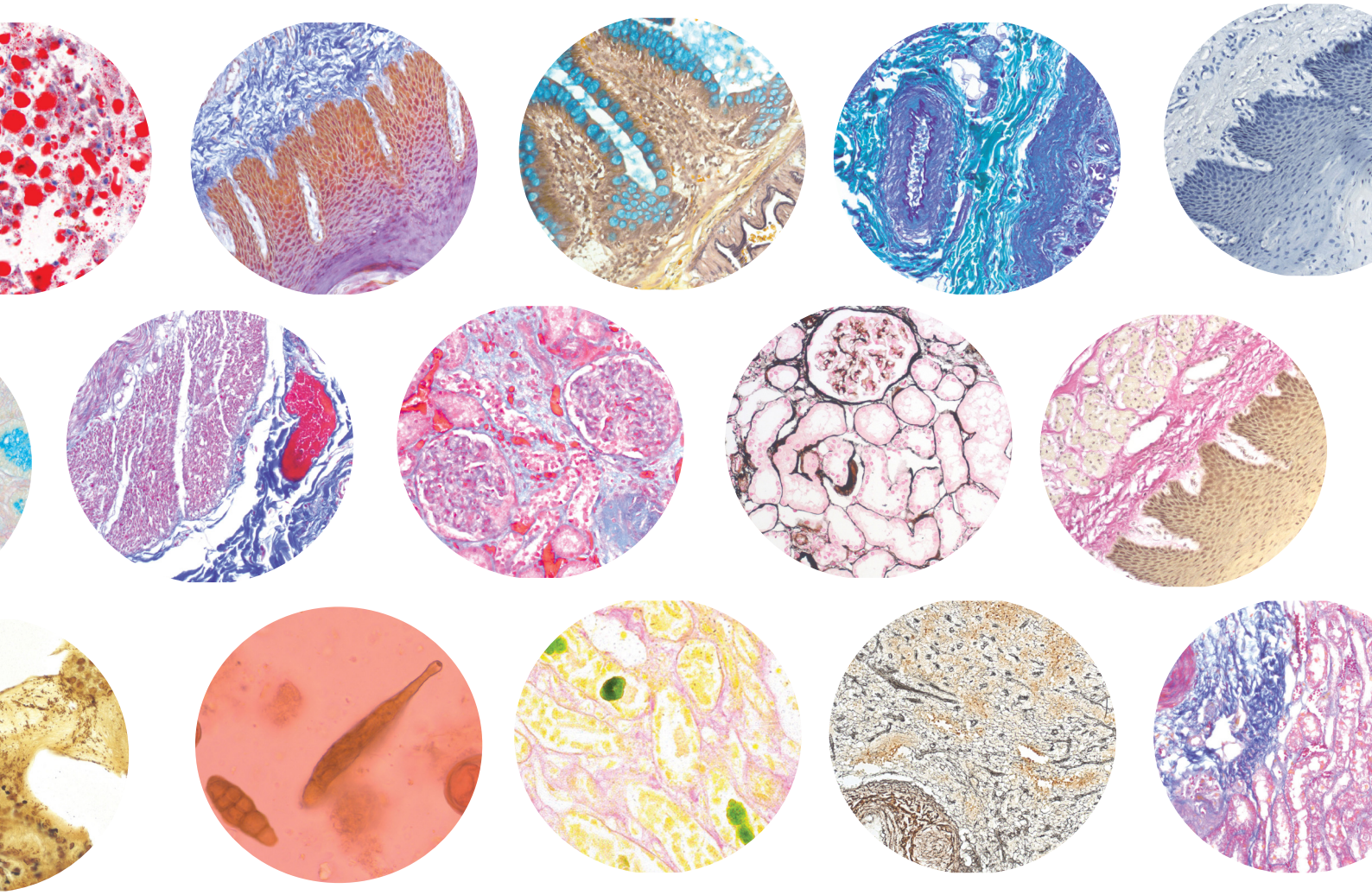
- SPECIAL STAINING KITS
- ADDITIONAL STAINING KITS
  - HISTOLOGY STAINS
  - HAEMATOLOGY STAINS
  - BACTERIOLOGY STAINS
  - TB-STAIN FLUORESCENT AND TB-STAIN AURAMINE O
  - CYTOLOGY STAINS



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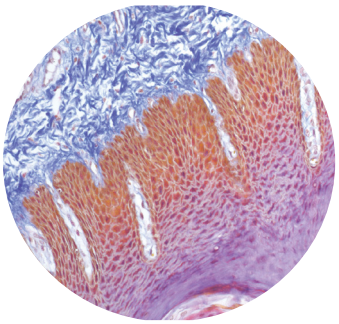
MUSCLE AND/OR CONNECTIVE TISSUE

- A.F.O.G. KIT
- AZAN TRICHROME KIT
- ELASTICA-VAN GIESON KIT
- GOMORI TRICHROME KIT
- H.B.F.P. KIT
- HEMATOXYLIN P.T.A. KIT
- HEMATOXYLIN W KIT
- MALLORY TRICHROME KIT
- MARTIUS SCARLET BLUE (MSB) KIT
- MASSON TRICHROME KIT
- MASSON-GOLDNER TRICHROME KIT
- MOVAT KIT
- ORCEIN KIT
- P.A.S.M. / JONES KIT
- PARALDEHYDE FUCHSIN KIT
- RETICULIN KIT
- RETICULIN CONTRAST KIT
- VAN GIESON TRICHROME KIT
- VERHOEFF KIT
- WEIGERT-VAN GIESON KIT

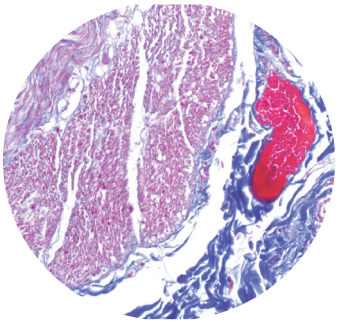


A.F.O.G KIT

SIX-REAGENT ACID FUCHSIN ORANGE G KIT FOR SELECTIVE STAINING OF GLOMERULAR PROTEIN DEPOSITS AND COLLAGEN IN KIDNEY BIOPSIES. NUCLEAR STAIN IS OBTAINED WITH WEIGERT FERRIC HEMATOXYLIN, CYTOPLASM WITH ORANGE G AND HIGHLY SELECTIVE COLLAGEN STAIN WITH ANILINE BLUE.

A.F.O.G. KIT IS USED FOR STAINING KIDNEY BIOPSIES. IT CAN BE USED INSTEAD OF P.A.S.M. KIT BECAUSE IT CONSISTS OF ANILINE BLUE, ORANGE G AND ACID FUCHSIN COMBINATION OF DYES. IF THE KIT IS USED WITH TISSUES FIXED IN FORMALIN, MUSCLE TISSUES ARE STAINED RED INSTEAD OF GREEN.

	PRODUCT REF	DESCRIPTION
	BGN001	FOR 100 TESTS



AZAN TRICHROME KIT

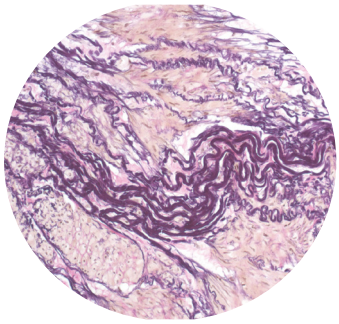
FIVE-REAGENT KIT FOR CONNECTIVE TISSUE STAINING ACCORDING TO MALLORY. USED FOR VISUALISATION OF MUSCLE FIBRES, COLLAGEN, GLIAL CELLS, GLOMERULAR CELLS AND ERYTHROCYTES.

AZAN TRICHROME KIT IS A MODIFICATION OF MALLORY TRICHROME KIT FOR STAINING CONNECTIVE TISSUE. IT IS USED FOR VISUALISING MUSCLES, COLLAGEN FIBRES, GLIAL CELLS, GLOMERULAR CELLS, RETICULUM, NUCLEAR CHROMATINS AND ERYTHROCYTES OF THE SAME SECTION.

THE KIT CONTAINS TWO ACID DYES: AZOCARMINE G AND ANILINE BLUE COUNTERSTAIN. AZOCARMINE G IS USED AT THE BEGINNING STAGE OF THE STAINING PROCEDURE, AND ANILINE BLUE IS USED AT THE FINAL STAGE AFTER THE SECTION IS TREATED WITH PHOSPHOMOLYBDIC ACID.

IN ORDER TO ACHIEVE HIGH-QUALITY STAINING RESULTS, IT IS NECESSARY TO STAIN THE SECTION USING AZOCARMINE G AND THEN DIFFERENTIATE IT PROGRESSIVELY USING ANILINE ALCOHOLIC SOLUTION IN ORDER TO ENABLE COUNTERSTAINING OF CERTAIN STRUCTURES (SUCH AS COLLAGEN) OF THE SECTION.

	PRODUCT REF	DESCRIPTION
	BGN002	FOR 100 TESTS



ELASTICA-VAN GIESON KIT

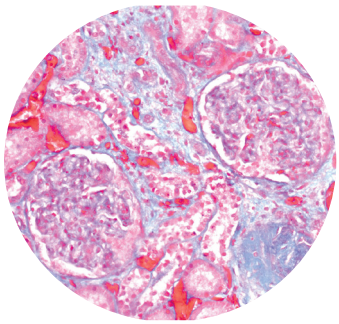
FOUR-REAGENT KIT FOR STAINING ELASTIC FIBRES AND DIFFERENTIATION BETWEEN ELASTIC TISSUE, COLLAGEN AND OTHER TYPES OF CONNECTIVE TISSUE. THE RAPID METHOD ENABLES A SATISFACTORY RESULT WITH SHORTER SECTION STAINING TIME.

ELASTICA-VAN GIESON KIT IS USED FOR STAINING ELASTIN, CONNECTIVE TISSUE AND COLLAGEN. ELASTIC FIBRES CONSIST OF ELASTIN POLYMERS AND ELASTIC MICROFIBRILS THAT MAKE UP A 3D NETWORK IN AN EXTRACELLULAR MATRIX INSIDE CONNECTIVE TISSUE (SKIN, ELASTIC CARTILAGE, VASCULAR WALLS, LUNG TISSUE AND IN VOCAL CORDS).

UNLIKE STANDARD HISTOLOGY STAINS, WEIGERT VAN GIESON REAGENT (KNOWN AS A RESORCIN-FUCHSIN REAGENT) DISPLAYS SELECTIVE DIFFERENTIATION OF TISSUE SAMPLES, EVEN IN THE EARLY PHASE OF THE DISEASE. WHEN USING THE ELASTICA-VAN GIESON KIT, THE SECTIONS ARE FIRST TREATED WITH RESORCINE FUCHSIN REAGENT. THE POSITIVELY CHARGED HYDROPHOBIC RESORCIN-FUCHSIN DYE IS PRESENT IN LARGE AMOUNTS AND IT IS DEPOSITED OWING TO ELECTROPOLARITY TO ACID, NEGATIVELY CHARGED SHELLS OF ELASTIC FIBRES. AFTER DIFFERENTIATION IN DILUTED ALCOHOL OR RINSING IN TAP WATER, THE NUCLEI ARE STAINED WITH ACID-FAST WEIGERT HEMATOXYLIN.

THE LAST PHASE OF STAINING IS STAINING WITH FUCHSIN ACID VAN GIESON REAGENT THAT CONTAINS TWO DYES (ACID FUCHSIN, PICRIC ACID) THAT SIMULTANEOUSLY STAIN DIFFERENT TISSUE STRUCTURES. ACID FUCHSIN STAINS COLLAGEN FIBRES INTENSIVE RED WHILE PICRIC ACID STAINS MUSCLE FIBRES, ERYTHROCYTES AND GLIAL FIBRES YELLOW. SECTIONS ARE OPTIMALLY STAINED IN A SHORT PERIOD OF TIME BY USING A RAPID STAINING METHOD.

	PRODUCT REF	DESCRIPTION
	BGN003	FOR 100 TESTS

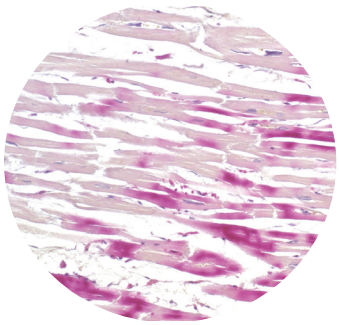


GOMORI TRICHROME KIT

FIVE-REAGENT KIT FOR STAINING MUSCLE, COLLAGEN FIBER AND NUCLEI, CONTAINS BLUE COUNTERSTAIN. THE KIT CAN BE USED TO CONTRAST SKELETAL, CARDIAC OR SMOOTH MUSCLE.

GOMORI TRICHROME KIT IS USED FOR THE ANALYSIS OF COLLAGEN FIBERS IN THE LIVER AND KIDNEYS, IN ORDER TO ACHIEVE EASIER DIFFERENTIATION OF COLLAGEN AND SMOOTH MUSCLE FIBERS, AS WELL AS FOR DISTINGUISHING DESTROYED FIBERS (PRESENT IN CASES OF MITOCHONDRIAL MYOPATHIES).

	PRODUCT REF	DESCRIPTION
	BGN004	FOR 100 TESTS

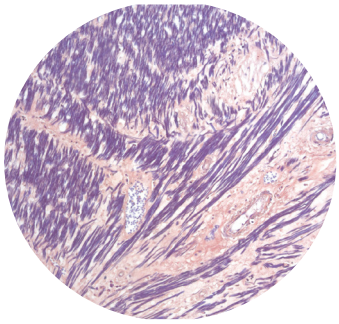


H.B.F.P. KIT

THREE-REAGENT HEMATOXYLIN-BASIC FUCHSIN-PICRIC ACID STAINING KIT FOR DETECTION OF CARDIAC MUSCLE CHANGES AFTER ISCHEMIA OR MYOCARDIAL INFARCTION. H.B.F.P. KIT IS A NON-ENZYMATIC HISTOCHEMICAL TECHNIQUE FOR DETECTION OF EARLY MYOCARDIAL ISCHEMIA WITH VIVID CONTRAST.

HISTOLOGICAL DIAGNOSIS OF ISCHEMIA IN THE EARLY PHASE OF MYOCARDIAL INFARCTION USING THE STANDARD HEMATOXYLIN-EOSIN HISTOLOGICAL METHODS AND A LIGHT MICROSCOPE IS EXCEPTIONALLY DELICATE. THE REASON FOR THAT IS MINIMAL HISTOPATHOLOGICAL CHANGES OCCURRING ON THE CARDIAC MUSCLE DURING THE FIRST SIX HOURS OF SYMPTOMS. HOWEVER, STAINING THE SECTION USING THE KIT CONSISTING OF HEMATOXYLIN, BASIC FUCHSIN AND PICRIC ACID ENABLES A HISTOLOGICAL OVERVIEW OF EARLY CHANGES ON THE CARDIAC MUSCLE CAUSED BY ISCHEMIA OR MYOCARDIAL INFARCTION.

	PRODUCT REF	DESCRIPTION
	BGN005	FOR 100 TESTS

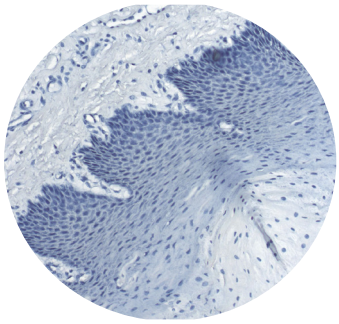


HEMATOXYLIN P.T.A. KIT

FOUR-REAGENT HEMATOXYLIN-PHOSPHOTUNGSTIC ACID KIT FOR DIFFERENTIATION OF SMOOTH AND STRIATED MUSCLE TISSUES AS WELL AS FOR THE DETECTION OF FIBRIN, COLLAGEN AND ELEMENTS OF THE CENTRAL NERVOUS SYSTEM ACCORDING TO MALLORY.

HEMATOXYLIN P.T.A. KIT IS USED FOR BETTER VISUALISATION OF ELEMENTS OF THE CENTRAL NERVOUS SYSTEM, FIBRINS, BUT PRIMARILY FOR DIFFERENTIATION BETWEEN SMOOTH AND STRIATED MUSCLE TISSUE.

PRODUCT REF	DESCRIPTION
BGN006	FOR 100 TESTS



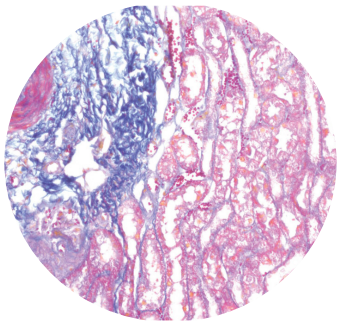
HEMATOXYLIN W KIT

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.

HEMATOXYLIN ACC. TO WEIGERT IS USED IN COMBINATION WITH VARIOUS SPECIAL (TRICHROME) STAINS. BECAUSE OF ITS RESISTANCE TO ACIDIC SOLUTIONS, IT RETAINS THE DYE AND STAINS NUCLEAR MEMBRANES. UNLIKE THE STANDARD HEMATOXYLINS USED IN HISTOLOGY, SUCH AS HEMATOXYLINS ACC.

TO HARRIS, MAYER, MAYER-LILLIE, AND GILL, HEMATOXYLIN ACC. TO WEIGERT CONTAINS FERRIC IONS THAT CREATE RESISTANCE TO ACIDIC SOLUTIONS AND SUDDEN PH VALUE CHANGES. HEMATOXYLIN ACC. TO WEIGERT IS MOST COMMONLY USED IN THE FOLLOWING TRICHROME METHODS: A.F.O.G., GOMORI TRICHROME, MASSON-GOLDNER TRICHROME, MASSON TRICHROME, VAN GIESON TRICHROME, ELASTICA-VAN GIESON AND WEIGERT-VAN GIESON. MOST OF THOSE METHODS ARE USED FOR STAINING MUSCLE AND CONNECTIVE FIBERS.

PRODUCT REF	DESCRIPTION
BGN007	FOR 100 TESTS



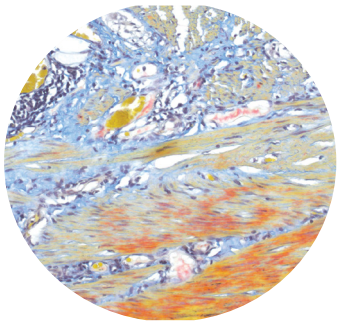
MALLORY TRICHROME KIT

THREE-REAGENT STAINING KIT FOR CONNECTIVE TISSUE VISUALISATION AND DETECTION OF COLLAGEN, CARTILAGE, MUSCLE, ELASTIC FIBRES, MUCOUS, PITUITARY CELLS, RETICULUM, BONES, AMYLOID AND ERYTHROCYTES.

MALLORY TRICHROME STAINING KIT IS USED FOR TREATING THE TESTED MICROSCOPIC SAMPLE USING THREE DIFFERENT STAINING'S WITH DIFFERENTIAL COUNTERSTAINING OF TWO BASIC PARTS OF THE TISSUE (MUSCLE AND COLLAGEN FIBRES) IN FOCUS.
BY STAINING THE SAMPLE WITH FUCHSIN ACID ACIDIC DYE NUCLEI AND MUSCLES ARE STAINED RED TO PINK.

THE PHOSPHOMOLYBDIC ACID MOLECULE THEN PUSHES OUT FUCHSIN ACID DYE MOLECULES FROM COLLAGEN AND THUS ENABLES ANILINE BLUE TO BIND, RESULTING IN COLLAGEN BEING STAINED CONTRAST BLUE INSTEAD OF RED. ORANGE G (MOLECULE OF THE LOWEST MOLAR MASS) STAINS ERYTHROCYTES.

PRODUCT REF	DESCRIPTION
BGN008	FOR 100 TESTS

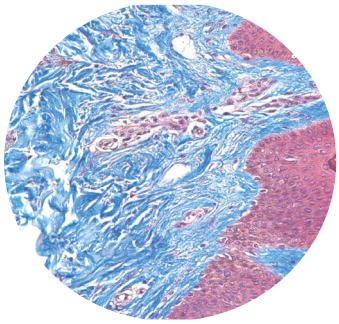


MARTIUS SCARLET BLUE (MSB) KIT

SEVEN-REAGENT KIT USED FOR FIBRIN VISUALISATION, ESPECIALLY OF OLDER CLUSTERS. THIS METHOD IS A MODIFICATION OF MASSON TRICHROME AND IS IDEAL FOR STUDYING CONNECTIVE TISSUE AND VASCULAR PATHOLOGY.

HISTOLOGY, CYTOLOGY AND OTHER RELATED SCIENTIFIC DISCIPLINES STUDY THE MICROSCOPIC ANATOMY OF TISSUES AND CELLS. IN ORDER TO DEMONSTRATE A GOOD TISSUE AND CELLULAR STRUCTURE, THE SAMPLES NEED TO BE STAINED IN A CORRECT MANNER. MARTIUS SCARLET BLUE (MSB) STAINING TECHNIQUE IS USED FOR FIBRIN VISUALISATION, ESPECIALLY OF OLDER CLUSTERS. THIS METHOD IS A MODIFIED MASSON TRICHROME METHOD AND IT IS IDEAL FOR STUDYING CONNECTIVE TISSUE AND VASCULAR PATHOLOGY.

PRODUCT REF	DESCRIPTION
BGN009	FOR 100 TESTS

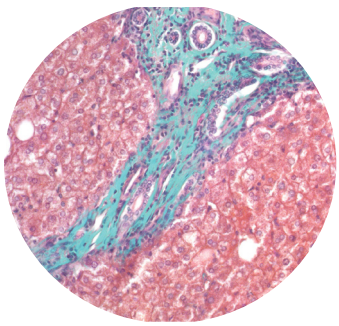


MASSON TRICHROME KIT

SEVEN-REAGENT KIT FOR STAINING MUSCLE AND COLLAGEN FIBRES WITH A BLUE COUNTERSTAIN. IT IS ALSO USED FOR VISUALISING GAMETES, NUCLEI, NEUROFIBRILS, GLIAL CELLS, KERATINS AND INTERCELLULAR FIBRILS. THE KIT MAY BE USEFUL FOR DETECTING COLLAGEN IN SMOOTH MUSCLE CANCER OR DISEASES LIKE CIRRHOSIS.

MASSON TRICHROME KIT IS USED FOR VISUALISATION OF MUSCLES, COLLAGEN FIBRES, CONNECTIVE TISSUES, GAMETES, NUCLEI, NEUROFIBRILS, NEUROGLIA, COLLAGEN, KERATIN INTRACELLULAR FIBRILS AND GOLGI APPARATUS NEGATIVE STAINING. THIS METHOD USES THREE DYES, DURING WHICH ANILINE BLUE DYE BINDS TO MUSCLE AND COLLAGEN FIBRES. IT IS ALSO USED FOR VISUALISATION OF INCREASED COLLAGEN BUILD-UP ASSOCIATED WITH FUNCTIONING TISSUE BEING MISTAKEN FOR SCAR TISSUE (LIVER SCLEROSIS DIAGNOSIS) AND FOR DIFFERENTIATING SMOOTH MUSCLE FIBRES AND COLLAGENS.

PRODUCT REF	DESCRIPTION
BGN010	FOR 100 TESTS

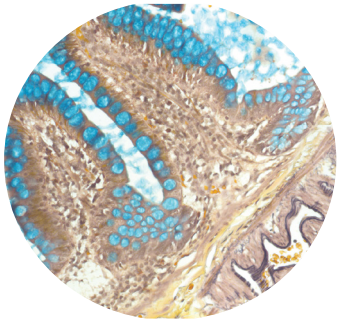


MASSON-GOLDNER TRICHROME KIT

SEVEN-REAGENT KIT FOR STAINING MUSCLE AND COLLAGEN FIBRES WITH GREEN COUNTERSTAIN. IT IS ALSO USED FOR VISUALISING GAMETES, NUCLEI, NEUROFIBRILS, GLIAL CELLS, KERATINS, INTERCELLULAR FIBRILS AND FOR DIFFERENTIATION OF SMOOTH MUSCLE FIBRES AND COLLAGENS.

MASSON-GOLDNER TRICHROME KIT IS USED FOR VISUALISATION OF MUSCLES, COLLAGEN FIBRES, CONNECTIVE TISSUES, GAMETES, NUCLEI, NEUROFIBRILS, NEUROGLIA, COLLAGEN, KERATIN INTRACELLULAR FIBRILS AND GOLGI APPARATUS NEGATIVE STAINING. METHOD OF STAINING MUSCLE AND COLLAGEN FIBRES IN TISSUES DURING WHICH FAST GREEN F.C.F. DYE BINDS TO COLLAGEN MAKING IT TURN DISTINCT GREEN. IT IS ALSO USED FOR VISUALISATION OF INCREASED COLLAGEN BUILD-UP ASSOCIATED WITH FUNCTIONING TISSUE BEING MISTAKEN FOR SCAR TISSUE (LIVER SCLEROSIS DIAGNOSIS), BUT ALSO FOR DIFFERENTIATING SMOOTH MUSCLE FIBRES AND COLLAGENS.

PRODUCT REF	DESCRIPTION
BGN011	FOR 100 TESTS

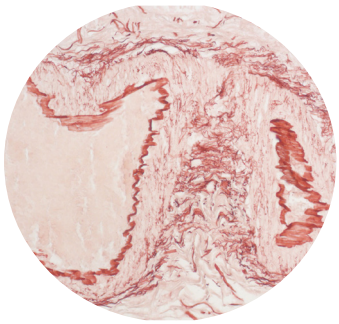


MOVAT KIT

TEN-REAGENT KIT FOR STAINING COLLAGEN, ELASTIC AND MUSCLE FIBRES, MUCIN AND FIBRIN IN TISSUE SECTION. MOVAT KIT IS PARTICULARLY USEFUL WHEN EXAMINING HEART AND VASCULAR DISEASES.

MOVAT KIT IS USED FOR VISUALISATION OF FIVE TYPES OF CONNECTIVE TISSUES IN A SINGLE STAINING PROCESS. IT ENABLES DIFFERENTIATION BETWEEN COLLAGENS, MUSCLE FIBRES, RETICULIN FIBRES, MUCINS AND FIBRINS, AND IT ALSO STAINS NUCLEI. IT IS USED FOR DIAGNOSING CARDIOVASCULAR AND PULMONARY DISEASES.

PRODUCT REF	DESCRIPTION
BGN012	FOR 100 TESTS

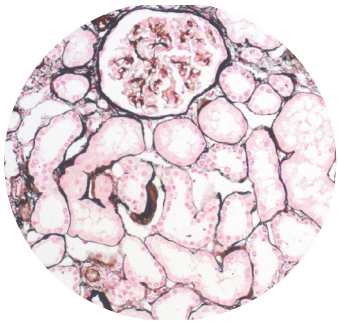


ORCEIN KIT

FIVE-REAGENT KIT FOR VISUALISATION OF HEPATITIS B SURFACE ANTIGEN (HBSAG) SEEN AS VIRAL INCLUSION BODIES IN HEPATOCYTES, FOR ELASTIC FIBRES AND COPPER ASSOCIATED PROTEIN IN TISSUE SECTIONS. IT CAN BE USED WITH FROZEN SECTIONS.

ORCEIN KIT IS USED FOR IDENTIFICATION OF INCLUSION BODIES OF SURFACE HEPATITIS B (HBSAG) ANTIGENS, ELASTIC FIBRES AND PROTEIN COMPLEXES WITH COPPER. IT MAY BE USED WITH THE SECTIONS EMBEDDED IN PARAFFIN, BUT ALSO WITH FROZEN SECTIONS. IT IS ALSO RECOMMENDED TO FIX THE SECTIONS PRIOR TO PROCEDURE BY USING NEUTRAL BUFFERED FORMALDEHYDE.

PRODUCT REF	DESCRIPTION
BGN013	FOR 100 TESTS

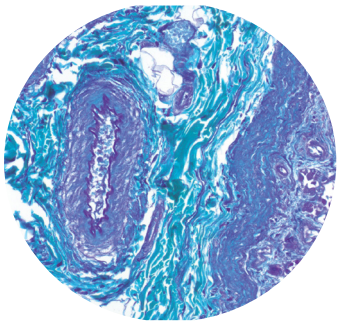


P.A.S.M. / JONES KIT

SIX-REAGENT PERIODIC ACID SILVER METHENAMINE KIT FOR STAINING KIDNEY GLOMERULAR BASEMENT MEMBRANES. KIT INCLUDES RED COUNTERSTAIN WHICH PROVIDES VISUALLY RICH CONTRAST TO TARGET STRUCTURES STAINED BLACK.

P.A.S.M. / JONES KIT IS USED IN HISTOLOGY FOR VISUALISING ARGENTAFFIN STRUCTURES, ESPECIALLY KIDNEY MEMBRANES, BUT ALSO FUNGI AND CERTAIN PATHOGEN ORGANISMS. STAINING PROCEDURE STARTS WITH PERIODIC ACID SOLUTION BEING USED TO OXIDIZE 1,2-GLYCOLS TO ALDEHYDES. DURING INCUBATION IN SILVER-METHENAMINE-BORATE WORKING SOLUTION ALDEHYDES ARE REDUCED AND AT THE SAME TIME CAUSE REDUCTION OF SILVER IONS TO METALLIC SILVER THAT MANIFESTS AS BROWN TO BLACK STRUCTURES ON THE SECTION. THIS IS FOLLOWED BY TONING THE SOLUTION WITH GOLD CHLORIDE SOLUTION THAT ADDITIONALLY IMPROVES STAINING INTENSITY OF TARGET STRUCTURES (FUNGI, BASAL MEMBRANES AND OTHERS), AND IT REDUCES BACKGROUND STAINING. EXCESSIVE UNBOUND SILVER-GOLD BONDS ARE REMOVED BY RINSING THE SECTION WITH SODIUM THIOSULFATE SOLUTION. FINALLY, THE SECTIONS ARE EXPOSED TO NUCLEAR FAST RED (KERNECHTROT) COUNTERSTAIN THAT STAINS BACKGROUND STRUCTURES RED; THAT IN TURN CREATES CLEAR AND VISUALLY RICH CONTRAST TO TARGET STRUCTURES (COLOURED IN BROWN-BLACK).

PRODUCT REF	DESCRIPTION
BGN014	FOR 100 TESTS

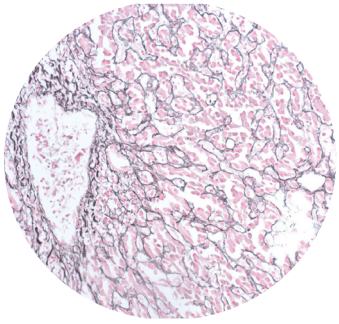


PARALDEHYDE FUCHSIN KIT

SEVEN-REAGENT KIT ACCORDING TO GOMORI FOR DETECTING PATHOLOGICAL CHANGES IN ELASTIC FIBRES. IT ALSO STAINS MAST CELL GRANULES, BETA GRANULES IN PANCREATIC ISLETS, NEUROSECRETORY MATERIAL, MAST CELL GRANULES AND BETA CELLS IN THE PITUITARY GLAND.

PARALDEHYDE FUCHSIN KIT IS USED FOR VISUALISATION AND DETECTING PATHOLOGIC CHANGES IN ELASTIC FIBRES, SUCH AS ELASTIC TISSUE ATROPHY, LOSS OR THINNING OF ELASTIC TISSUE CAUSED BY ATHEROSCLEROTIC CHANGES OR VASCULAR DISEASES. OFTEN USED FOR STAINING PANCREATIC BETA CELLS, MASTOCYTE GRANULES, MUCINS, CARTILAGE, ARGENTAFFIN GRANULES AND ACROSOME OF THE SPERM.

PRODUCT REF	DESCRIPTION
BGN015	FOR 100 TESTS

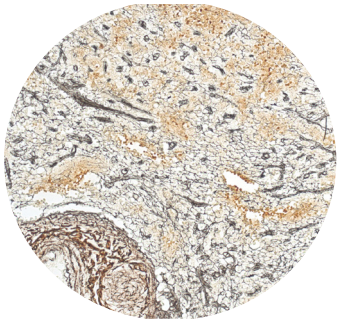


RETICULIN KIT

SEVEN-REAGENT KIT FOR DETECTING ARGYROPHILIC RETICULIN FIBRES. IT CLEARLY DIFFERENTIATES BETWEEN COLLAGEN AND RETICULIN AND NERVE FIBRES AND CONNECTIVE TISSUE. THE MAIN FUNCTION OF RETICULAR FIBRES IS TO PROVIDE SUPPORT AND ARE NORMALLY FOUND IN LIVER, LYMPH NODES, SPLEEN AND KIDNEYS.

RETICULIN KIT IS USED FOR IDENTIFICATION AND EASIER VISUALISATION OF ARGENTAFFIN RETICULAR FIBRES IN CONNECTIVE TISSUE. RETICULIN PROVIDES STRUCTURAL SUPPORT. RETICULIN FIBRES ARE CLEARLY DEFINED IN THE HEALTHY LIVER: NECROTIC AND CIRRHOTIC LIVER HAS DISCONTINUOUS FIBRES. THE VISUALISATION IS BASED ON SILVER DEPOSITIONS ON RETICULIN FIBRES. THE TISSUE SAMPLE MUST BE OXIDIZED WITH POTASSIUM PERMANGANATE. SILVER IS FORMED FROM AMMONIA SOLUTION CONTAINING SILVER NITRATE AND IS DEPOSITED IN THE FORM OF BROWN SEDIMENT ON RETICULIN FIBRES. FORMALIN ACTS AS A REDUCING AGENT AND ACCELERATES THE PROCEDURE. UNBOUND SILVER IS WASHED AWAY USING SODIUM THIOSULFATE.

PRODUCT REF	DESCRIPTION
BGN016	FOR 100 TESTS

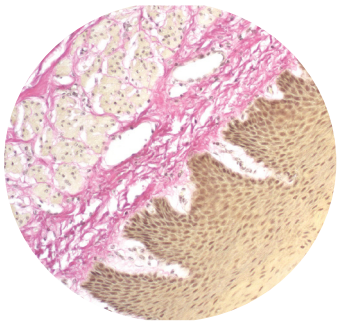


RETICULIN CONTRAST KIT

NINE-REAGENT KIT FOR DETECTING ARGYROPHILIC RETICULIN FIBRES ACCORDING TO GORDON AND SWEETS. THE KIT CONTAINS GOLD CHLORIDE SOLUTION THAT ENHANCES VISUALISATION OF RETICULIN FIBRES AND IT ALSO CONTAINS NUCLEAR FAST RED (KERNECHTROT) REAGENT THAT ENABLES FINE CONTRASTING BACKGROUND.

RETICULIN CONTRAST KIT IS USED FOR IDENTIFICATION AND EASIER VISUALISATION OF ARGENTAFFIN RETICULAR FIBRES IN CONNECTIVE TISSUE. RETICULIN PROVIDES STRUCTURAL SUPPORT. IT IS FOUND IN THE LIVER, SPLEEN AND KIDNEYS. RETICULIN FIBRES ARE CLEARLY DEFINED IN THE HEALTHY LIVER: NECROTIC AND CIRRHOTIC LIVER HAS DISCONTINUOUS FIBRES. THE VISUALISATION IS BASED ON SILVER DEPOSITIONS ON RETICULIN FIBRES. THE TISSUE SAMPLE MUST BE OXIDIZED WITH POTASSIUM PERMANGANATE. SILVER IS FORMED FROM AMMONIA SOLUTION CONTAINING SILVER NITRATE AND IS DEPOSITED IN THE FORM OF BROWN SEDIMENT ON RETICULIN FIBRES. FORMALIN ACTS AS A REDUCING AGENT AND ACCELERATES THE PROCEDURE. UNBOUND SILVER IS WASHED AWAY USING SODIUM THIOSULFATE. RETICULIN CONTRAST KIT ALSO CONTAINS A GOLD CHLORIDE SOLUTION THAT STABILISES AND TONES THE SECTION'S IMAGE. THE KIT CONTAINS NUCLEAR FAST RED (KERNECHTROT) COUNTERSTAIN.

PRODUCT REF	DESCRIPTION
BGN017	FOR 100 TESTS

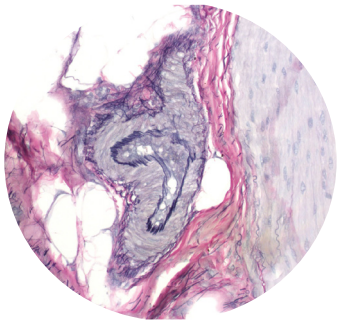


VAN GIESON TRICHROME KIT

THREE-REAGENT KIT FOR STAINING COLLAGEN FIBRES, MUSCLE TISSUE, KERATINIZED EPITHELIUM, CYTOPLASM, GLIAL FIBRES AND ERYTHROCYTES. USED FOR DIFFERENTIATION BETWEEN COLLAGEN AND SMOOTH FIBRES IN TUMOURS AND VARIOUS OTHER DISEASES.

VAN GIESON TRICHROME KIT IS USED FOR STAINING COLLAGEN, MUSCLE TISSUE, KERATINIZED EPITHELIUM, CYTOPLASM, GLIAL FIBRES, AND ERYTHROCYTES. FUCHSIN ACID VAN GIESON IS A COMPONENT OF THE KIT AND IT CONTAINS TWO DYES (ACID FUCHSIN, PICRIC ACID) THAT SIMULTANEOUSLY STAIN DIFFERENT TISSUE STRUCTURES. ACID FUCHSIN STAINS COLLAGEN FIBRE'S INTENSIVE RED WHILE PICRIC ACID STAINS MUSCLE FIBRES, ERYTHROCYTES AND GLIAL FIBRES YELLOW. AMYLOIDS, HYALIN, COLLOID AND MUCOSA ARE STAINED IN NUANCES BETWEEN RED AND YELLOW. HEMATOXYLIN, WEIGERT A AND FERRI REAGENT MAKE UP WEIGERT HEMATOXYLIN THAT CREATES STABLE CELLULAR NUCLEI COLOURATION.

PRODUCT REF	DESCRIPTION
BGN018	FOR 100 TESTS

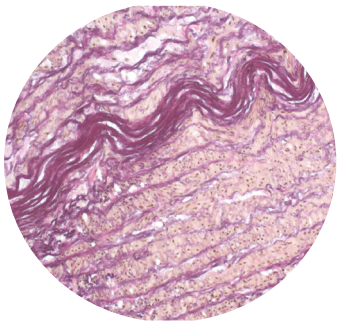


VERHOEFF KIT

SIX-REAGENT KIT FOR DETECTING ATROPHY OF ELASTIC TISSUE IN CASES OF EMPHYSEMA, THINNING AND LOSS OF ELASTIC FIBRES IN ARTERIOSCLEROSIS AND OTHER VASCULAR DISEASES, OR WHETHER BLOOD VESSELS HAVE BEEN INVADED BY A TUMOUR.

VERHOEFF KIT IS USED PRIMARILY FOR STAINING ELASTIN. HOWEVER, IT MAY BE USED FOR STAINING MUSCLE FIBRES, AS WELL AS COLLAGEN. ELASTIC FIBRES CONSIST OF ELASTIN POLYMERS AND ELASTIC MICROFIBRILS THAT MAKE UP A 3D NETWORK IN AN EXTRACELLULAR MATRIX INSIDE CONNECTIVE TISSUE (SKIN, ELASTIC CARTILAGE, VASCULAR WALLS, LUNG TISSUE AND IN VOCAL CORDS). IT CAN BE USED INSTEAD OF THE WEIGERT-VAN GIESON KIT. VISUALISATION OF ELASTIC FIBRES IS ESPECIALLY IMPORTANT IN CASES OF EMPHYSEMA (ELASTIC TISSUE ATROPHY), ARTERIOSCLEROSIS (THINNING AND LOSS OF ELASTIC FIBRES), AND MANY OTHER CARDIOVASCULAR DISEASES.

PRODUCT REF	DESCRIPTION
BGN019	FOR 100 TESTS



WEIGERT-VAN GIESON KIT

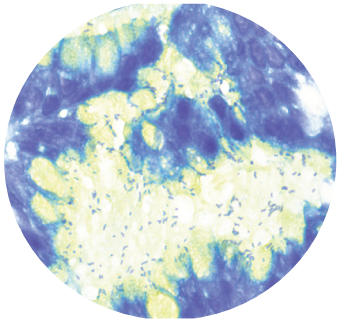
SIX-REAGENT KIT FOR STAINING ELASTIC FIBERS WITH A PROLONGED INCUBATION PERIOD. USED FOR DIFFERENTIATION BETWEEN ELASTIC TISSUE, COLLAGEN AND OTHER TYPES OF CONNECTIVE TISSUE.

WEIGERT-VAN GIESON KIT IS USED FOR STAINING ELASTIN, CONNECTIVE TISSUE AND COLLAGEN. ELASTIC FIBERS CONSIST OF ELASTIN POLYMERS AND ELASTIC MICROFIBRILS THAT MAKE UP A 3D NETWORK IN AN EXTRACELLULAR MATRIX INSIDE CONNECTIVE TISSUE (SKIN, ELASTIC CARTILAGE, VASCULAR WALLS, LUNG TISSUE AND IN VOCAL CORDS). UNLIKE STANDARD HISTOLOGY STAINS, WEIGERT VAN GIESON REAGENT (KNOWN AS A RESORCIN-FUCHSIN DYE) DISPLAYS SELECTIVE DIFFERENTIATION OF TISSUE SAMPLES, EVEN IN THE EARLY PHASE OF THE DISEASE.

PRODUCT REF	DESCRIPTION
BGN020	FOR 100 TESTS

FUNGI, BACTERIA AND PARASITES

- ALCIAN YELLOW TOLUIDINE BLUE KIT
- BIOGRAM HISTO KIT
- FIELD KIT
- GIEMSA HP KIT
- GROCOTT KIT
- M.I.F. KIT
- TB-STAIN HISTO KIT
- WARTHIN STARRY KIT

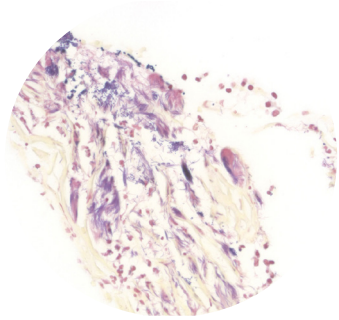


ALCIAN YELLOW TOLUIDINE BLUE KIT

SIX-REAGENT KIT FOR STAINING HELICOBACTER PYLORI IN GASTRIC TISSUE SECTIONS. THIS METHOD IS ONE OF THE MOST POPULAR NON-SILVER METHODS FOR STAINING OF H. PYLORI, WHERE BACTERIA ARE STAINED BLUE IN CONTRAST TO YELLOW MUCINS.

ALCIAN YELLOW TOLUIDINE BLUE IS USED FOR VISUALISATION OF H. PYLORI FOUND IN ENDOSCOPIC AND SURGICAL STOMACH SAMPLES. IN THE FIRST STEP ALCIAN YELLOW IS SPECIFICALLY BOUND FOR PREVIOUSLY OXIDIZED MUCINS; GASTRIC BACTERIA ARE STAINED AFTERWARD, AS WELL AS CELLULAR NUCLEI AND OTHER STRUCTURES USING TOLUIDINE BLUE. THIS PROVIDES EXCELLENT CONTRAST BETWEEN DARK BLUE STAINED BACTERIA PLACED ON A YELLOW SURFACE AND EXTRACELLULAR FOVEOLAR MUCINS.

	PRODUCT REF	DESCRIPTION
	BGN021	FOR 100 TESTS

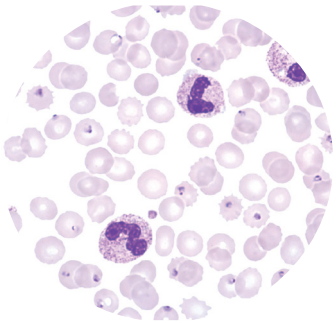


BIOGRAM HISTO KIT

FIVE-REAGENT KIT FOR IDENTIFICATION OF BACTERIA ACCORDING TO GRAM. FOR DIFFERENTIATION BETWEEN GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA IN HISTOLOGY SECTIONS.

GRAM STAINING IS A METHOD OF DIFFERENTIATING BACTERIAL SPECIES AND IT IS COMMONLY KNOWN AND USED IN MICROBIOLOGY. IT IS ALSO ONE OF THE MOST FREQUENTLY USED DIAGNOSTIC METHODS IN HOSPITAL AND CLINICAL LABORATORIES. GRAM STAINING DIFFERENTIATES BACTERIA INTO TWO GROUPS: GRAM-POSITIVE AND GRAM-NEGATIVE. THAT DIVISION IS BASED ON THE TWO GROUPS' BACTERIAL MEMBRANE STRUCTURAL DIFFERENCES, I.E., THEIR CAPABILITY OF RETAINING THE DYE. GRAM-POSITIVE BACTERIA HAVE A THICKER CELLULAR MEMBRANE WHICH ENABLES RETAINING THE DYE INSIDE THE CELL BY TREATING THEM WITH IODINE SOLUTION THAT CREATES INSOLUBLE IODINE AND PRIMARY DYE COMPLEX. GRAM-NEGATIVE BACTERIA HAVE THINNER CELLULAR MEMBRANE STRUCTURE WHICH CANNOT RETAIN THE DYE. IT WASHES AWAY THROUGH THE MEMBRANE, AND USING COUNTERSTAINING FORMS THE BASIS FOR DIFFERENTIATING BETWEEN THE TWO BACTERIA GROUPS. BIOGNOST'S BIOGRAM HISTO KIT CONTAINS GRAM CRYSTAL VIOLET 1% SOLUTION, STABILISED GRAM LUGOL SOLUTION, TWO PACKAGES OF GRAM DECOLOURISER 2 SOLUTION, GRAM SAFRANIN SOLUTION AND TWO PACKAGES OF PICRIC ACID IN ACETONE. ITS CHARACTERISTICS MAKE IT AN OPTIMAL BACTERIA STAINING AGENT WHICH PROVIDES CONSISTENT RESULTS.

	PRODUCT REF	DESCRIPTION
	BGN022	FOR 100 TESTS

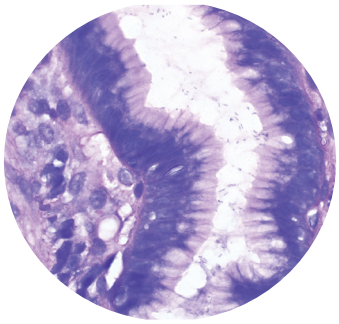


FIELD KIT

READY TO USE TWO-REAGENT KIT FOR RAPID AND EFFICIENT STAINING AND DETECTION OF PARASITES IN HAEMATOLOGY SAMPLES. PRIMARILY USED FOR STAINING THIN AND THICK BLOOD SMEARS (DENSE DROP) FOR PURPOSE OF DIAGNOSING BLOOD PARASITES. REAGENTS ARE STORED IN CONTAINERS THAT CAN BE USED AS STAINING JARS.

FIELD KIT IS PRIMARILY USED FOR STAINING STANDARD THIN AND THICK BLOOD SMEARS, I.E., DENSE DROPS FOR THE PURPOSE OF DIAGNOSING BLOOD PARASITES (SUCH AS PLASMODIUM WHICH CAUSES MALARIA). BECAUSE THE AMOUNT OF PARASITES IN BLOOD SAMPLES TENDS TO BE LOW AND ALMOST UNOBSERVABLE IN STANDARD BLOOD SMEAR, THE PREPARATION OF THICK BLOOD SMEAR ENABLES 15-20 TIMES HIGHER SENSITIVITY OF THE DIAGNOSTIC METHOD. THICK BLOOD SMEARS ARE NOT FIXED; THEY ARE TREATED WITH HYPOTONIC DYE SOLUTION AFTER DRYING ON AIR. DURING THAT PROCEDURE WHITE BLOOD CELLS (LEUKOCYTES) ARE PRESERVED AND STAINED, WHILE RED BLOOD CELLS (ERYTHROCYTES) ARE HOMOLYSED WHICH IN TURN MAKES VIEWING OF OTHER PRESENT STRUCTURES IN BLOOD UNDER MICROSCOPE EASIER. THIN BLOOD SMEAR STAINING SHOULD ALWAYS BE CONDUCTED AT THE SAME TIME AS THICK BLOOD SMEAR STAINING BECAUSE THE CONTROL OF SUCH SMEAR ENABLES PARASITE DIFFERENTIATION. BESIDES THIS, FIELD KIT CAN ALSO BE USED AS A ROMANOWSKY DYE FOR RAPID ROUTINE STAINING IN HAEMATOLOGY; IT CAN BE USED FOR STAINING STANDARD BLOOD SMEARS AND BONE MARROW, BUT ALSO FOR STAINING HELICOBACTER PYLORI IN STOMACH HISTOLOGY SAMPLES. EACH PART OF THE FIELD KIT IS STABILISED SEPARATELY AND PREPARED ACCORDING TO THE HIGHEST STANDARDS.

PRODUCT REF	DESCRIPTION
BGN023	FOR 100 TESTS

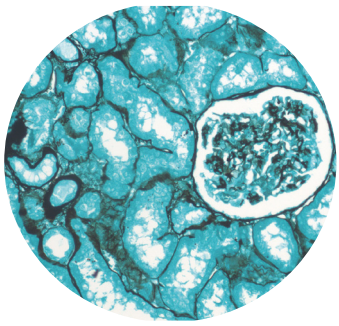


GIEMSA HP KIT

FOUR-REAGENT KIT FOR STAINING HELICOBACTER PYLORI IN GASTROSCOPIC SECTIONS ACCORDING TO LENNART. ADVANTAGES OF THIS METHOD FOR DETECTING H. PYLORI ARE SENSITIVE AND REPRODUCIBLE RESULTS AND EASY PERFORMANCE.

POLYCHROMATIC ROMANOWSKY DYES ARE A STANDARD IN HAEMATOLOGY OF BLOOD SMEARS AND BONE MARROW. GIEMSA IS ONE OF THE ROMANOWSKY DYES AND BESIDE HAEMATOLOGY, IT CAN BE USED IN HISTOLOGY FOR VISUALISATION OF HELICOBACTER PYLORI IN GASTROSCOPIC SAMPLES OF THE STOMACH. THIS STAINING METHOD IS ALSO KNOWN AS SLOW GIEMSA STAINING ACCORDING TO LENNART. GIEMSA SOLUTION MAY ALSO BE USED TO IDENTIFY BLOOD PARASITES, INCLUSION BODIES AND MASTOCYTES IN HISTOLOGY SECTIONS. GIEMSA HP KIT FOR 100 TESTS CONTAINS REAGENTS FOR DIFFERENTIATION AND REHYDRATION IN READY-TO-USE JARS, ENABLING THE SECTIONS TO BE DIRECTLY IMMERSED DURING THE STAINING PROCEDURE. THE JARS ARE CLOSED AFTER THE USE, AND REAGENTS CAN BE REUSED.

PRODUCT REF	DESCRIPTION
BGN024	FOR 100 TESTS

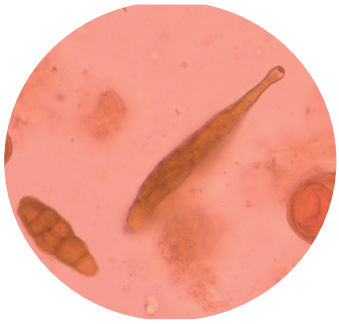


GROCOTT KIT

SIX-REAGENT KIT FOR VISUALISATION 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.

GROCOTT KIT IS USED IN HISTOLOGY FOR VISUALISATION OF FUNGI, CERTAIN PATHOGENS, BASAL MEMBRANES AND HISTOLOGY ARGENTAFFIN STRUCTURES IN GENERAL. THE STAINING PROCEDURE STARTS WITH THE PERIODIC ACID SOLUTION BEING USED TO OXIDIZE 1,2-GLYCOLS TO ALDEHYDES. DURING INCUBATION IN SILVER-METHENAMINE-BORATE WORKING SOLUTION, ALDEHYDES ARE REDUCED AND AT THE SAME TIME, SILVER IONS ARE REDUCED TO A METALLIC SILVER THAT MANIFESTS AS A BROWN TO BLACK STRUCTURES ON THE SECTION. THIS IS FOLLOWED BY TONING WITH THE GOLD CHLORIDE SOLUTION THAT ADDITIONALLY IMPROVES THE STAINING INTENSITY OF TARGET STRUCTURES (FUNGI, BASAL MEMBRANES AND OTHERS), AND IT REDUCES BACKGROUND STAINING. EXCESSIVE UNBOUND SILVER-GOLD BONDS ARE REMOVED BY RINSING THE SECTION WITH THE SODIUM THIOSULFATE SOLUTION. FINALLY, THE SECTIONS ARE EXPOSED TO FAST GREEN F.C.F. DYE THAT STAINS BACKGROUND STRUCTURES; THAT, IN TURN, CREATES CLEAR AND VISUALLY REACH CONTRAST TO TARGET STRUCTURES (COLOURED IN BROWN TO BLACK).

PRODUCT REF	DESCRIPTION
BGN025	FOR 100 TESTS

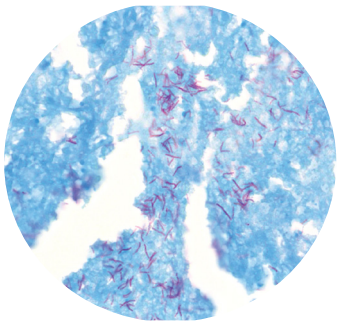


M.I.F. KIT

TWO-REAGENT MERTHIOLATE-IODINE-FORMALIN KIT FOR FIXING AND STAINING FECAL PARASITES (ESPECIALLY PROTOZOA, CYSTS, HELMINTHIC EGGS AND LARVAE). THE STOOL SAMPLE IS FIXED WITH FORMALIN AND STAINED WITH TWO COLOURING AGENTS: IODINE AND EOSIN Y.

BIOGNOST'S M.I.F. KIT ENABLES RAPID AND SIMPLE DETECTION OF PARASITES IN THE STOOL, ESPECIALLY PROTOZOA (AMOEBA). THIS METHOD SIMULTANEOUSLY FIXES AND STAINS THE SAMPLE BY PROVIDING AN OPTIMAL IMAGE FOR VIEWING NUCLEAR STRUCTURES NECESSARY FOR THE IDENTIFICATION OF CERTAIN KINDS OF PROTOZOA. VEGETATIVE AND CYSTIC FORMS OF PARASITES HAVE DIFFERENT DYE AFFINITIES. M.I.F. KIT ENABLES DIFFERENTIAL STAINING OF PARASITES AND CONCENTRATES PARASITIC ELEMENTS ON THE SURFACE OF THE SEDIMENT.

PRODUCT REF	DESCRIPTION
BGN026	FOR 100 TESTS

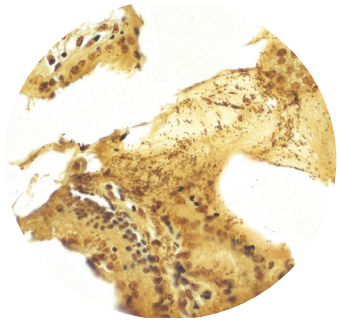


TB-STAIN HISTO KIT

THREE-REAGENT KIT FOR STAINING ACID-FAST BACTERIA (PATHOGENIC MYCOBACTERIA) IN HISTOLOGY SECTIONS, SPUTUM, SMEARS AND CULTURE SMEARS ACCORDING TO ZIEHL-NEELSEN. HEATING OF THE CARBOL-FUCHSIN SOLUTION IS AVOIDED IN THIS PROTOCOL HENCE OMITTING THE RELEASE OF HAZARDOUS PHENOLIC VAPOURS.

MANY BACTERIAL CELLS ARE EASILY STAINED BY USING SIMPLE DYES OR GRAM STAIN. HOWEVER, A FEW BACTERIAL STRAINS, SUCH AS MYCOBACTERIA AND NOCARDIA CANNOT BE STAINED USING SIMPLE DYES (OR, IF SUCCESSFULLY STAINED, THE RESULTS MAY VARY SIGNIFICANTLY). CELLULAR WALL OF THE MYCOBACTERIA STRAIN CONTAINS A WAXY SUBSTANCE – MYCOLIC ACID. THOSE ARE BETA-HYDROXY CARBOXYLIC ACIDS WITH CHAINS CONTAINING UP TO 90 CARBON ATOMS. ITS RESISTANCE TO ACIDITY IS ASSOCIATED WITH MYCOLIC ACID CHAIN LENGTH. IN ORDER TO STAIN SUCH STRAINS, A HIGHER CONCENTRATION OF DYE OR A LONGER PERIOD OF HEATING IS REQUIRED. HOWEVER, ONCE STAINED, THE DYE IS EVEN MORE DIFFICULT TO REMOVE FROM THE CELLS. THOSE BACTERIA ARE CALLED ACID-RESISTANT BECAUSE THEY MAINTAIN THEIR PRIMARY COLOUR EVEN AFTER DECOLOURISATION USING ACID ALCOHOL (CARBOL FUCHSIN). EARLY LABORATORY DIAGNOSIS OF TUBERCULOSIS IS BASED ON THE INTERPRETATION OF STAINED SMEARS, AND ONE OF THE BEST DIAGNOSTIC METHODS IS ANALYSING SPUTUM SAMPLES UNDER A MICROSCOPE. THE MOST COMMON AND RENOWNED METHOD USED FOR DETECTING THE TUBERCULOSIS BACTERIA IS STAINING ACCORDING TO ZIEHL-NEELSEN. THIS METHOD USES CARBOL FUCHSIN AS THE MAIN DYE, ACID ALCOHOL AS DECOLOURISATION MEDIUM AND METHYLENE BLUE SOLUTION AS A CONTRASTING DYE. BIOGNOST'S TB-STAIN HOT KIT CONTAINS TB CARBOL FUCHSIN REAGENT, TWO PACKAGES OF TB DECOLOURISER AND METHYLENE BLUE LOEFFLER REAGENT.

PRODUCT REF	DESCRIPTION
BGN027	FOR 100 TESTS



WARTHIN STARRY KIT

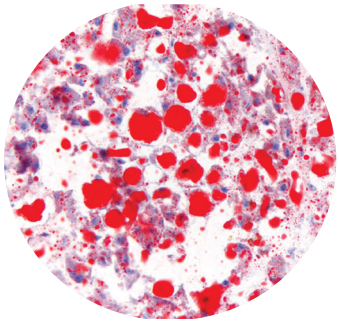
FIVE-REAGENT KIT FOR STAINING SPIROCHAETA, HELICOBACTER PYLORI, MICROSPORIDIA AND LEGIONELLA PNEUMOPHILA. THE KIT CONTAINS 12 JARS WITH GELATINE THAT ENABLES BOTH INCUBATION AND STAINING OF SECTIONS, AS WELL AS OTHER REAGENTS THAT ENABLE PRECIPITATION OF SILVER ON THE BACTERIAL SURFACE. THE BACTERIA ARE FOUND IN THE MUCUS OF THE SURFACE EPITHELIUM, IN THE APICAL GASTRIC GLANDS AND IN THE GASTRIC MUCOSA.

BIOGNOST'S WARTHIN STARRY KIT ENABLES STAINING HISTOLOGY SECTIONS AND HELICOBACTER PYLORI VISUALISATION IN A SIMPLE WAY AND IN A FEW STEPS. THE KIT IS DISTINCTIVE BECAUSE IT CONTAINS 12 CONTAINERS WITH GELATINE USED FOR PRACTICAL INCUBATION AND SECTION STAINING. BY ADDING OTHER REAGENTS, IT IS POSSIBLE TO CREATE AN ACTIVE DEVELOPING SOLUTION USED FOR IMMERSING SECTIONS AND SIMULTANEOUS STAINING OF 1 TO 4 SECTIONS. STAINING USING THE WARTHIN STARRY KIT IS BASED ON REDUCING SILVER NITRATE TO SILVER USING HYDROQUINONE. THE FORMED SILVER IS DEPOSITED ON THE SURFACE OF HELICOBACTER PYLORI. THE MICROSCOPIC IMAGE SHOWS THE BACTERIA-STAINED DARK BROWN TO BLACK, THE CELLS ARE STAINED YELLOW-BROWN, AND THE NUCLEI BROWN. THE BACTERIA MAY BE DETECTED IN THE MUCUS OF SURFACE EPITHELIUM, IN APICAL GLANDS OF THE STOMACH, AND IN THE MUCOSA OF THE STOMACH.

PRODUCT REF	DESCRIPTION
BGN028	FOR 48 TESTS

LIPIDS

- OIL RED O KIT
- SUDAN BLACK B LIPID KIT

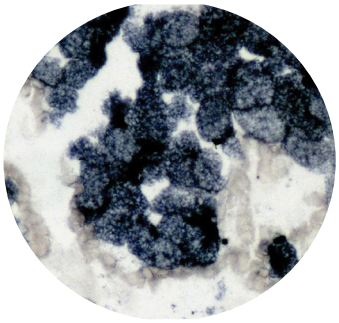


OIL RED O KIT

FOUR-REAGENT KIT FOR SELECTIVE STAINING AND DETECTION OF FAT CELLS AND NEUTRAL FATS ACCORDING TO JOHNSON. IT CAN BE USED WITH FROZEN SECTIONS AND FRESH SMEARS TO DETECT OBESITY-LINKED PATHOLOGIES SUCH AS DYSLIPIDEMIA AND DIABETES TYPE.

BIOGNOST'S OIL RED O KIT IS USED FOR HISTOLOGICAL VISUALISATION OF LIPIDS IN TISSUES. IT IS USED WITH FROZEN TISSUE SECTIONS: LIPIDS MELT IF PROCESSED IN XYLENE OR IN ALCOHOL. OIL RED O DYE HAS MOSTLY REPLACED SUDAN STAINS (SUDAN III AND SUDAN IV) PREVIOUSLY USED FOR DETECTING LIPIDS BECAUSE IT PROVIDES MORE INTENSE RED STAINING AND IS SIMPLER TO USE.

	PRODUCT REF	DESCRIPTION
	BGN029	FOR 100 TESTS



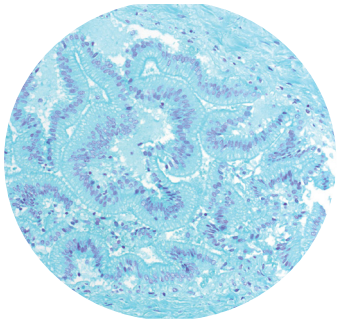
SUDAN BLACK B LIPID KIT

FOUR-REAGENT KIT FOR SPECIFIC LIPID STAINING IN CYTOCHEMISTRY. SUDAN BLACK DYE STAINS A FEW TYPES OF LIPIDS, INCLUDING NEUTRAL FATS, PHOSPHOLIPIDS AND STEROLS. IT CONTAINS A DOUBLE AMOUNT OF SUDAN BLACK B, SOLUTION.

BIOGNOST'S SUDAN BLACK B LIPID KIT IS USED FOR SPECIFIC LIPIDS STAINING IN CYTOCHEMISTRY. SUDAN BLACK B IS A MILDLY ALKALINE DYE THAT INTERACTS WITH AN ACID GROUP OF LIPIDS. SUDAN BLACK STAINS A VARIETY OF LIPIDS, INCLUDING NEUTRAL FATS, PHOSPHOLIPIDS, AND STEROLS.

	PRODUCT REF	DESCRIPTION
	BGN030	FOR 100 TESTS

NUCLEI AND NUCLEIC ACIDS



FEULGEN KIT

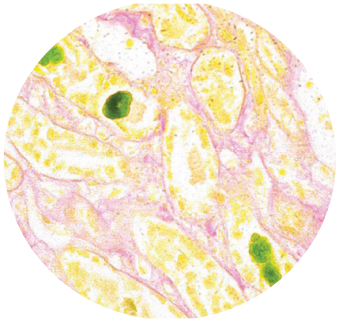
FIVE-REAGENT DNA STAINING KIT ACCORDING TO FEULGEN. FOR USE IN SEMIQUANTITATIVE DNA DETERMINATION IN HISTOLOGICAL AND CYTOLOGICAL SAMPLES. THE SPECIMEN IS FIRST TREATED WITH HYDROCHLORIC ACID CREATING AN ALDEHYDE GROUP OF DNA THAT CAN BE VISUALISED BY SCHIFF (BIOSCHIFF) REAGENT. THIS REACTION IS SPECIFIC FOR NUCLEAR DNA.

FEULGEN REACTION, FIRST DESCRIBED BY ROBERT FEULGEN, IS ONE OF THE MOST COMMONLY USED CYTOCHEMICAL METHODS FOR SEMIQUANTITATIVE DNA DETERMINATION IN HISTOLOGICAL AND CYTOLOGICAL SAMPLES. IT IS VERY IMPORTANT TO DETERMINE THE EXACT AMOUNT AND STATUS OF THE DNA OF THE NUCLEUS IN ORDER TO MAKE A DIAGNOSIS AND TREAT MALIGNANT TUMOURS. THE KEY PARAMETER IN THE PRECISE MEASURING OF DNA IS THE REPRODUCIBILITY OF THE FEULGEN REACTION. IF THE INSTRUCTIONS FOR USE ARE FOLLOWED CORRECTLY, REPRODUCIBILITY IS EASILY AND RELIABLY ACHIEVED BY USING QUALITY REAGENTS FOUND IN BIOGNOST'S FEULGEN KIT. BIOGNOST'S FEULGEN KIT CONTAINS AN ADDITIONAL CONTRASTING REAGENT FOR CYTOPLASMIC STAINING WHICH ENABLES CLEARER VIEWING OF STAINED DNA. USING CONTRASTING REAGENT IS NOT NECESSARY DURING THE STAINING PROTOCOL, BUT IT PROVIDES BETTER CONTRAST TO THE STAINED DNA OF THE SECTION.

	PRODUCT REF	DESCRIPTION
	BGN031	FOR 100 TESTS

PIGMENTS AND MINERAL DEPOSITS

- FOUCHET-VAN GIESON KIT
- GRIMELIUS KIT
- HEMOGNOST PERLS KIT
- MASSON FONTANA KIT
- ORCEIN KIT
- RHODANINE KIT
- VON KOSSA KIT

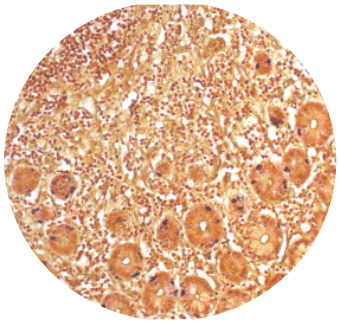


FOUCHET-VAN GIESON KIT

THREE-REAGENT KIT FOR VISUALISATION OF BILIRUBIN AND COLLAGEN ACCORDING TO KUTLLICK. BILIRUBIN IS A YELLOW-BROWN PIGMENT, BUT CHANGES TO GREEN DUE TO OXIDATION INDUCED BY FOUCHET REACTION. GREEN BILIRUBIN CAN EASILY BE DETECTED ON YELLOWISH AND PINK COLOURED BACKGROUND.

FOUCHET-VAN GIESON KIT IS USED FOR SIMULTANEOUS VISUALISATION OF BILIRUBIN AND COLLAGEN IN HISTOLOGICAL SAMPLES. BILIRUBIN IS A YELLOW-BROWN PIGMENT CREATED AS A RESULT OF HAEMOGLOBIN DEGRADATION. HAEMOGLOBIN DEGRADATION OCCURS IN BONE MARROW, SPLEEN, AND LIVER. IN THE CASE OF PATIENTS THAT SUFFER FROM HEPATITIS, BILIRUBIN BUILDS UP IN THE FORM OF THROMBUS IN BILE DUCTS AND IN THE FORM OF GRANULES IN HEPATOCYTES AND IN THE CYTOPLASM OF KÜPFER CELLS. THE PIGMENT IS INSOLUBLE IN WATER AND IN WATER FIXATIVES. HOWEVER, IN CASES OF PROLONGED EXPOSURE TO FORMALIN FIXATIVES IT MAY TURN GREEN. THE COLOUR THAT IS CREATED DURING STAINING USING THE FOUCHET-VAN GIESON KIT IS DUE TO THE STRONG OXIDOREDUCTION OF THE COMPLEX AND SUBSEQUENT CONVERSION TO BILIVERDIN (GREEN). THE FALSE-POSITIVE REACTION MAY BE CHECKED USING HEMOGNOST PERLS KIT – IN THAT CASE PERLS' REACTION WILL ALWAYS BE NEGATIVE TO BILIRUBIN.

	PRODUCT REF	DESCRIPTION
	BGN032	FOR 100 TESTS

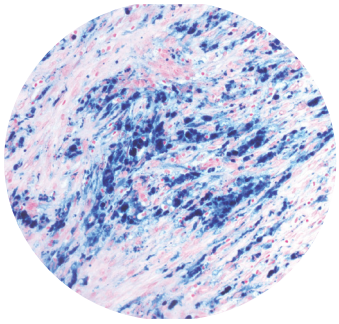


GRIMELIUS KIT

FIVE-REAGENT KIT FOR STAINING ARGYROPHILIC GRANULES. GRIMELIUS KIT CAN BE USED FOR THE DETECTION OF SECRETORY INTRACYTOPLASMATIC GRANULES SPECIFIC FOR CARCINOID TUMOURS AND FOR IDENTIFICATION OF NEUROENDOCRINE CELLS.

GRIMELIUS KIT IS USED IN HISTOLOGY FOR VISUALISATION OF ARGYROPHILIC STRUCTURES IN HISTOLOGY TISSUE SECTIONS. CERTAIN TISSUES, SUCH AS NEUROENDOCRINE TUMOURS CAN BIND TO SILVER IONS FROM SILVER NITRATE SOLUTION, BUT NOT REDUCE THEM TO THE VISIBLE FORM – ELEMENTARY SILVER; THIS IS WHY SILVER ION REDUCTION DURING STAINING IS ACHIEVED BY EXPOSING THE SECTION TO THE REDUCING HYDROQUINONE SOLUTION AND SODIUM SULFITE. EXCESSIVE UNBOUND SILVER IONS ARE REMOVED BY RINSING THE SECTION WITH THE SODIUM THIOSULFATE SOLUTION.

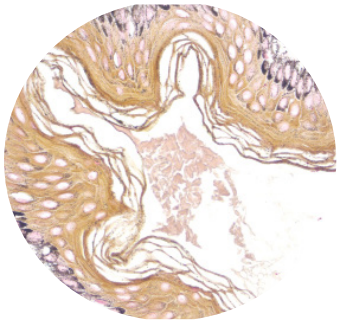
	PRODUCT REF	DESCRIPTION
	BGN033	FOR 100 TESTS



HEMOGNOST PERLS KIT

THREE-REAGENT HEMOGNOST PERLS (PRUSSIAN BLUE / BERLIN BLUE) KIT FOR THE DETECTION OF REACTIVE FERRIC (FE3+) (NOT BOUND TO HAEMOGLOBIN) IONS IN CELLS. IT IS OFTEN APPLIED ON BONE MARROW AND SPLEEN CELLS.

	PRODUCT REF	DESCRIPTION
	BGN034	FOR 100 TESTS

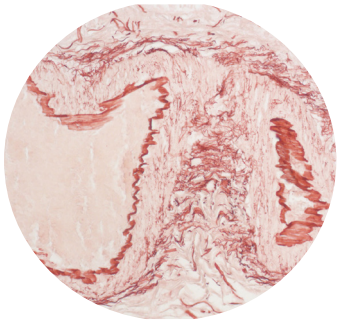


MASSON FONTANA KIT

SIX-REAGENT MELANIN AND ARGENTAFFIN GRANULE STAINING KIT, BASED ON THE REDUCTION OF SILVER NITRATE TO ELEMENTAL SILVER. MELANIN IS A BROWN-BLACK PIGMENT NORMALLY PRESENT IN THE HAIR, SKIN, RETINA, IRIS AND CERTAIN PARTS OF CNS. ARGENTAFFIN GRANULES ARE FOUND IN CARCINOID TUMOURS.

MASSON FONTANA KIT IS USED IN A SPECIFIC METHOD FOR PROVING ARGENTAFFIN GRANULES IN HISTOLOGICAL SECTIONS, BASED ON THE REDUCTION OF SILVER NITRATE TO ELEMENTAL SILVER. MELANIN IS A PIGMENT USUALLY FOUND IN SKIN, HAIR, RETINA, AND SOME PARTS OF THE CENTRAL NERVOUS SYSTEM. IN ORDER TO AVOID GETTING FALSE-POSITIVE RESULTS, BIOGNOST'S MASSON FONTANA KIT CONTAINS REAGENTS FOR MELANIN DEPIGMENTATION. DEPIGMENTATION IS CONDUCTED ON A CONTROL SECTION BEFORE SILVER IMPREGNATION.

PRODUCT REF	DESCRIPTION
BGN035	FOR 100 TESTS

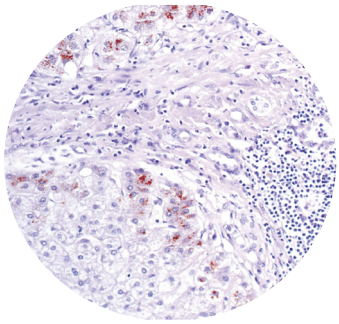


ORCEIN KIT

FIVE-REAGENT KIT FOR VISUALISATION OF HEPATITIS B SURFACE ANTIGEN (HBSAG) SEEN AS VIRAL INCLUSION BODIES IN HEPATOCYTES, FOR ELASTIC FIBRES AND COPPER ASSOCIATED PROTEIN IN TISSUE SECTIONS. IT CAN BE USED WITH FROZEN SECTIONS.

ORCEIN KIT IS USED FOR IDENTIFICATION OF INCLUSION BODIES OF SURFACE HEPATITIS B (HBSAG) ANTIGENS, ELASTIC FIBRES AND PROTEIN COMPLEXES WITH COPPER. IT MAY BE USED WITH THE SECTIONS EMBEDDED IN PARAFFIN, BUT ALSO WITH FROZEN SECTIONS. IT IS ALSO RECOMMENDED TO FIX THE SECTIONS PRIOR TO PROCEDURE BY USING NEUTRAL BUFFERED FORMALDEHYDE.

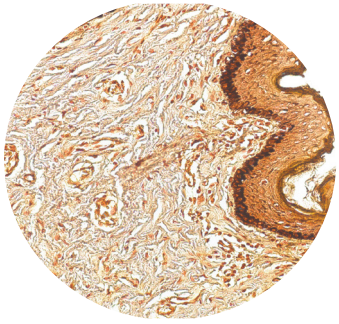
PRODUCT REF	DESCRIPTION
BGN013	FOR 100 TESTS



RHODANINE KIT

FOUR-REAGENT KIT FOR DETECTING COPPER AND COPPER-ASSOCIATED PROTEIN (CAP) IN PATIENTS SUFFERING FROM WILSON'S DISEASE. ABNORMAL COPPER ACCUMULATIONS ARE PREDOMINATELY FOUND IN LIVER TISSUE, BUT CAN ALSO BE FOUND IN THE BRAIN AND CORNEA OF THE EYES.
RHODANINE KIT IS USED FOR DETECTING COPPER USING RHODANINE IN HISTOLOGICAL SAMPLES OF LIVER TISSUE.

PRODUCT REF	DESCRIPTION
BGN036	FOR 100 TESTS



VON KOSSA KIT

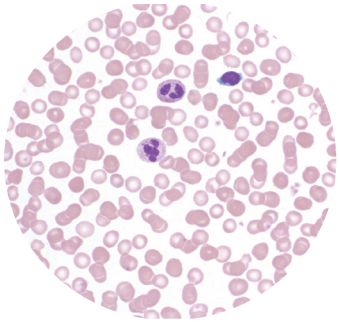
FIVE-REAGENT KIT FOR SIMPLE AND REPRODUCIBLE DETECTION OF CALCIUM DEPOSITS AND CALCIUM SALT IN TISSUE SAMPLES ACCORDING TO VON KOSSA. TISSUE CALCIFICATION IS ASSOCIATED WITH METABOLIC PROBLEMS IN VARIOUS TISSUES (LIKE BONE MARROW AND MAMMA) AND IN TUMOURS.

VON KOSSA KIT IS USED FOR CALCIUM DEPOSITS AND CALCIUM SALT VISUALISATION. SILVER IONS FROM SILVER NITRATE REPLACE CARBONATE AND PHOSPHATE CALCIUM IONS THAT, UNDER A STRONG SOURCE OF LIGHT, CREATE A MICROSCOPICALLY VISIBLE SILVER GLOW. TREATING THE PREPARATION WITH LITHIUM CARBONATE PREVENTS FALSE-POSITIVE STAINING. COUNTERSTAINING IS ACHIEVED WITH NUCLEAR FAST RED (KERNECHTROT) REAGENT.

PRODUCT REF	DESCRIPTION
BGN037	FOR 100 TESTS

CYTOLOGY

- BIO-DIFF RTU KIT
- EOSIN AND NIGROSINE VITAL KIT
- SPERM-DIFF RTU KIT
- SUDAN BLACK B KIT
- URIGNOST S KIT
- URIGNOST SM KIT

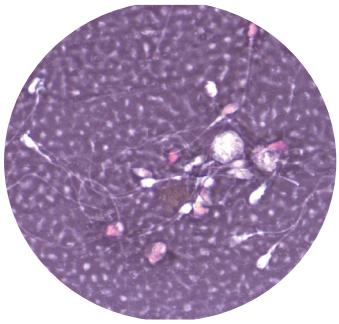


BIO-DIFF RTU KIT

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.

BIOGNOST'S BIO-DIFF RTU KIT ENABLES RAPID, SIMPLE AND HIGH-QUALITY STAINING ACCORDING TO MAY-GRUENWALD STAINING METHOD. EXCEPT FOR STANDARD STAINING OF BLOOD SMEARS, THE KIT MAY BE USED FOR STAINING PARASITES AND FUNGAE, HISTOLOGY SAMPLES EMBEDDED IN PARAFFIN, AND CYTOLOGY SMEARS. ADVANTAGES OF BIO-DIFF RTU KIT: EXTREMELY RAPID STAINING (14 SECONDS) OF BLOOD AND CYTOLOGY SMEARS; PRACTICAL AND SIMPLE FOR USE OWING TO IMPERMEABLE POLYPROPYLENE JARS FILLED WITH 100 ML OF REAGENT THAT ENABLE DIRECT DIPPING OF SECTIONS (FOR 100-200 TESTS); BUFFERED SOLUTIONS THAT ENABLE CONSISTENT QUALITY IN STAINING EACH SECTION. EACH PART OF THE SET IS STABILISED SEPARATELY AND PREPARED ACCORDING TO THE HIGHEST STANDARDS.

PRODUCT REF	DESCRIPTION
BGN038	3 X 100ML

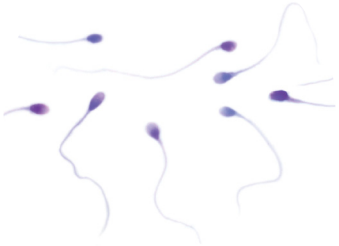


EOSIN AND NIGROSIN VITAL KIT

TWO-REAGENT KIT CONTAINING SEPARATE DYES FOR RAPID DETECTION OF SPERM VITALITY AND SIMPLE VISUALISATION OF DEAD AND LIVING SPERM CELLS. THE NIGROSIN STAIN PROVIDES DARK BACKGROUND FOR EASIER RECOGNITION OF BOTH VIABLE AND NON-VIABLE SPERMATOZOA.

BIOGNOST'S EOSIN AND NIGROSINE VITAL KIT IS USED FOR THE DETECTION OF SPERM VITALITY. USING THE KIT IS EXTREMELY FAST AND SIMPLE. DURING SAMPLE STAINING EOSIN Y DYE ENTERS DEAD SPERM CELLS (CELLS WITH DAMAGED PLASMA MEMBRANE) AND STAINS THEM RED. NIGROSINE DYE PROVIDES DARK CONTRAST FOR BETTER VISUALISATION OF LIVING, NON-STAINED SPERM CELLS.

PRODUCT REF	DESCRIPTION
BGN039	2 X 100ML

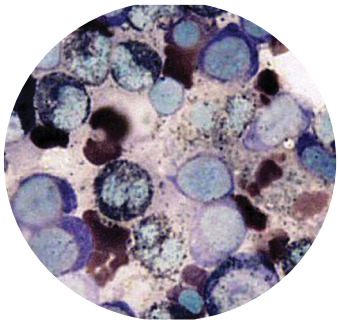


SPERM-DIFF RTU KIT

READY-TO-USE THREE-REAGENT KIT WITH REAGENTS STORED IN CONTAINERS THAT CAN BE USED AS STAINING JARS. KIT CONTAINS A FIXATIVE REAGENT, RED AND BLUE COMPONENTS FOR FAST AND EFFECTIVE STAINING.

BIOGNOST'S SPERM-DIFF RTU KIT ENABLES RAPID, SIMPLE AND HIGH-QUALITY STAINING OF SPERM ACCORDING TO MAY GRUENWALD-GIEMSA STAINING METHOD THAT ENABLES QUALITY SPERM MORPHOLOGY ANALYSIS. SPERM-DIFF RTU KIT ADVANTAGES INCLUDE RAPID STAINING, PRACTICAL USE AND SIMPLICITY. LEAKPROOF POLYPROPYLENE STAINING JARS PREFILLED WITH 100 ML OF REAGENT ENABLE DIRECT IMMERSION OF SAMPLES, SUFFICIENT FOR 100-200 TESTS. EACH COMPONENT OF THE SPERM-DIFF KIT IS STABILISED SEPARATELY AND PREPARED ACCORDING TO THE HIGHEST STANDARDS.

PRODUCT REF	DESCRIPTION
BGN040	3 X 100ML

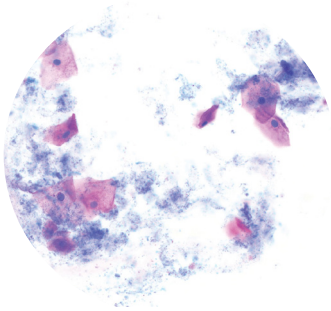


SUDAN BLACK B KIT

FOUR-REAGENT KIT FOR STAINING NEUTROPHIL GRANULES IN HAEMATOLOGICAL SMEARS (BLOOD OR BONE MARROW FILMS). USED AS ONE OF THE METHODS FOR DETECTING MYELOCYTIC AND MYELOMONOCYTIC LEUKAEMIA.

BIOGNOST'S SUDAN BLACK B KIT FOR HAEMATOLOGICAL STAINING IN CYTOCHEMISTRY IS USED FOR STAINING NEUTROPHIL GRANULES IN BLOOD SMEARS AND BONE MARROW SMEARS. THE RESULT OF STAINING THE LEUKOCYTES WITH SUDAN BLACK B DYE IS SIMILAR TO THE RESULT OF MYELOPEROXIDASE ACTIVITY. CELLS OF LYMPHOID LINE WILL NOT BE STAINED WITH SUDAN BLACK B DYE, WHILE MYELOID AND MONOCYTOID CELLS WILL DEMONSTRATE CHARACTERISTIC POSITIVE REACTION. THIS IS THE REASON WHY SUDAN BLACK B IS USED IN METHODS OF DETERMINING MYELOCYTIC AND MYELOMONOCYTIC LEUKAEMIA.

PRODUCT REF	DESCRIPTION
BGN041	FOR 350 - 400 TESTS



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).

MICROSCOPIC EXAMINATION OF URINE SEDIMENT IS AN EXTREMELY IMPORTANT TEST IN DETECTING VARIOUS DISORDERS IN KIDNEY FUNCTIONS AND THE UROGENITAL TRACT. BY CONDUCTING MICROSCOPIC EXAMINATION, IT IS POSSIBLE TO VIEW AND DIFFERENTIATE BETWEEN LEUKOCYTES, ERYTHROCYTES, EPITHELIAL CELLS, MICROORGANISMS AND CYLINDERS. URIGNOST S KIT IS USED FOR QUALITATIVE AND QUANTITATIVE ANALYSIS OF URINE SEDIMENT. URIGNOST S KIT CONTAINS URIGNOST S REAGENT MODIFIED ACCORDING TO INSTRUCTIONS OF THE EUROPEAN CONFEDERATION OF LABORATORY MEDICINE (ECLM) AND ALL THE NECESSARY EQUIPMENT FOR SAMPLING, CONCENTRATING, COUNTING CELLS AND KIDNEY CYLINDERS AND URINE SEDIMENT ANALYSIS.

PRODUCT REF	DESCRIPTION
BGN042	FOR 500 TESTS

URIGNOST SM KIT

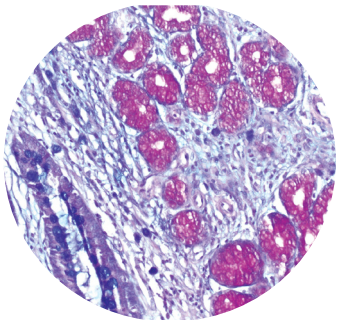
KIT FOR SAMPLING, STAINING AND MICROSCOPIC ANALYSIS OF URINE SEDIMENTS. IT CONTAINS MODIFIED REAGENT ACCORDING TO STERNHEIMER-MALBIN AND EQUIPMENT REQUIRED FOR SAMPLING, CONCENTRATION, STAINING, COUNTING OF KIDNEY CELLS AND KIDNEY CYLINDERS AND URINE SEDIMENT ANALYSIS (TEST TUBES WITH RETENTIVE BOTTOM, EPPENDORF 200 µL PIPETTE TIPS AND URINE PLATES).

MICROSCOPIC EXAMINATION OF URINE SEDIMENT IS AN EXTREMELY IMPORTANT TEST IN DETECTING VARIOUS DISORDERS IN KIDNEY FUNCTIONS AND THE UROGENITAL TRACT. BY CONDUCTING MICROSCOPIC EXAMINATION IT IS POSSIBLE TO VIEW AND DIFFERENTIATE BETWEEN LEUKOCYTES, ERYTHROCYTES, EPITHELIAL CELLS, MICROORGANISMS AND CYLINDERS. URIGNOST SM KIT IS USED FOR QUALITATIVE AND QUANTITATIVE ANALYSIS OF URINE SEDIMENT. URIGNOST SM KIT CONTAINS URIGNOST SM REAGENT MODIFIED ACCORDING TO STERNHEIMER-MALBIN AND ALL THE NECESSARY EQUIPMENT FOR SAMPLING, CONCENTRATING, COUNTING CELLS AND KIDNEY CYLINDERS AS WELL AS URINE SEDIMENT ANALYSIS. SEDIMENT. URIGNOST S KIT CONTAINS URIGNOST S REAGENT MODIFIED ACCORDING TO INSTRUCTIONS OF THE EUROPEAN CONFEDERATION OF LABORATORY MEDICINE (ECLM) AND ALL THE NECESSARY EQUIPMENT FOR SAMPLING, CONCENTRATING, COUNTING CELLS AND KIDNEY CYLINDERS AND URINE SEDIMENT ANALYSIS.

PRODUCT REF	DESCRIPTION
BGN043	FOR 500 TESTS

CARBOHYDRATES

- ALCIAN BLUE - P.A.S. KIT
- ALCIAN BLUE PH 1.0 KIT
- ALCIAN BLUE PH 2.5 KIT
- COLLOIDAL IRON KIT
- CONGO RED HIGHMAN KIT
- CONGO RED PUCHTLER KIT
- MUCICARMINE KIT
- P.A.S. KIT

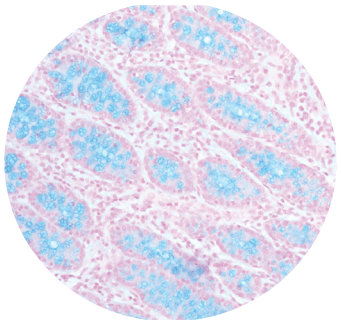


ALCIAN BLUE - P.A.S. KIT

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).

ONE OF THE MOST FREQUENTLY USED CHEMICAL METHODS IN HISTOLOGY IS P.A.S. STAINING. COMBINED WITH ALCIAN BLUE PH 2.5 SOLUTION ON A SINGLE SECTION ENABLES DIFFERENTIATION BETWEEN NEUTRAL NAD ACID MUCINS, GLYCOGENS AND GLYCOPROTEINS. ALCIAN BLUE DYE STAINS ACID MUCINS THAT TURN INSOLUBLE AND RESISTANT TO REMAINING REAGENTS DURING P.A.S. STAINING PROCEDURE. OXIDIZING PROPERTIES OF PERIODIC ACID ENABLE CHARACTERISTIC MAGENTA STAINING COMBINED WITH BIOSCHIFF REAGENT. NUCLEI ARE STAINED WITH HEMATOXYLIN ML (MAYER-LILLIE) THAT DOES NOT INTERFERE WITH ALCIAN BLUE DYE.

PRODUCT REF	DESCRIPTION
BGN044	FOR 100 TESTS

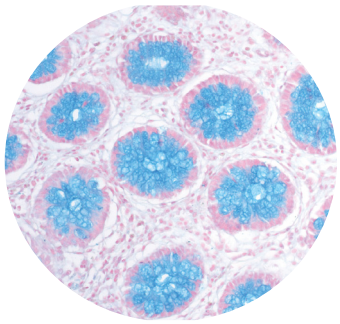


ALCIAN BLUE PH 1.0 KIT

THREE-REAGENT KIT FOR STAINING HEAVILY SULFATED MUCOPOLYSACCHARIDES. SLIDES ARE COUNTERSTAINED WITH NUCLEAR FAST RED (KERNECHTROT) REAGENT TO FULLY DETECT THE PRESENCE OF ALCIAN BLUE POSITIVE STAINING.

ALCIAN BLUE DYE IS USED TO PROVE GLYCOSAMINOGLYCAN IN MUCINS, FOR STAINING AMYLOIDS, CYSTEINES AND FOR POLYCHROMATIC STAINING OF MASTOCYTES ACCORDING TO ALCIAN-BLUE SAFRANIN. IT IS ALSO USED TO DETERMINE BACTERIAL SPECIES AND DETECTING BACTERIAL CAPSULES. ALCIAN BLUE PH 1.0 KIT ENABLES ADEQUATE STAINING AND VISUALISATION OF HEAVILY SULFATED MUCOPOLYSACCHARIDES WITHOUT STAINING CARBOXYLATED ACID MUCINS OR NEUTRAL MUCINS. CELLULAR NUCLEI ARE STAINED RED USING A COUNTERSTAIN.

PRODUCT REF	DESCRIPTION
BGN045	FOR 100 TESTS

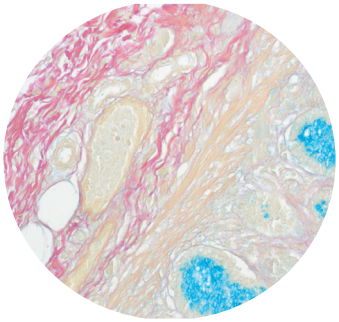


ALCIAN BLUE PH 2.5 KIT

THREE-REAGENT KIT FOR STAINING ACID MUCOPOLYSACCHARIDES ACCORDING TO DORLING AND SULPHATED AND CARBOXYLATED SIALOMUCINS BLUE. SLIDES ARE COUNTERSTAINED WITH NUCLEAR FAST RED (KERNECHTROT) REAGENT TO FULLY DETECT THE PRESENCE OF ALCIAN BLUE POSITIVE STAINING.

ALCIAN BLUE DYE IS USED TO PROVE GLYCOSAMINOGLYCAN IN MUCINS, FOR STAINING AMYLOIDS, CYSTEINES AND FOR POLYCHROMATIC STAINING OF MASTOCYTES ACCORDING TO ALCIAN-BLUE SAFRANIN. IT IS ALSO USED TO DETERMINE BACTERIAL SPECIES AND DETECTING BACTERIAL CAPSULES. ALCIAN BLUE PH 2.5 KIT ENABLES ADEQUATE STAINING AND VISUALISATION OF ACID MUCINS WITHOUT STAINING SULFATED MUCINS. RINSING SOLUTIONS ARE OF THE SAME PH VALUE, MAKING THE SPECIFICITY OF THE REACTION MORE INTENSE. CELLULAR NUCLEI ARE STAINED RED USING A COUNTERSTAIN.

PRODUCT REF	DESCRIPTION
BGN046	FOR 100 TESTS

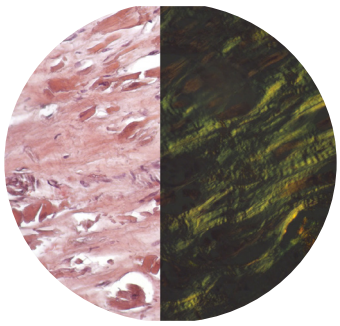


COLLOIDAL IRON KIT

SIX-REAGENT KIT USED FOR VISUALISATION OF CARBOXYLATED AND SULPHATED GROUPS OF ACID MUCOPOLYSACCHARIDES AND PROTEOGLYCANS. THIS METHOD CAN BE COMBINED WITH THE PAS METHOD; THAT WAY GLYCOGEN AND NEUTRAL MUCOPOLYSACCHARIDES WOULD GET DIFFERENTIALLY STAINED CHARACTERISTICALLY MAGENTA.

THE COLLOIDAL IRON KIT IS USED FOR VISUALISATION OF CARBOXYLATED AND SULPHATED GROUPS OF ACID MUCINS AND PROTEOGLYCANS. THIS METHOD IS BASED ON THE PRINCIPLE OF BINDING POSITIVELY CHARGED FERRIC IONS (FE3+) TO NEGATIVELY CHARGED ENDINGS OF ACID MUCOPOLYSACCHARIDES AND PROTEOGLYCANS. EXCESSIVE REAGENTS ARE RINSED WHILE THE BOUND FERRIC IONS GET VISUALISED USING THE PRUSSIAN BLUE REACTION. IN THIS REACTION POTASSIUM FERROCYANIDE CAUSES LIGHT BLUE PRECIPITATIONS OF IRON FERROCYANIDE TO APPEAR. FINALLY, THE SECTIONS ARE EXPOSED TO VAN GIESON STAIN THAT SELECTIVELY STAINS DIFFERENT TISSUE STRUCTURES AND IN TURN CREATES CLEAR AND VISUALLY RICH CONTRAST.

PRODUCT REF	DESCRIPTION
BGN047	FOR 100 TESTS

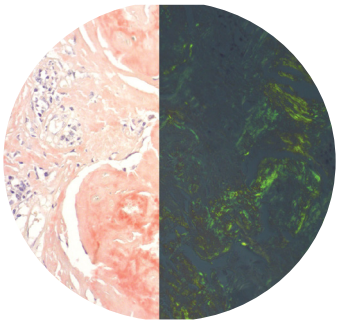


CONGO RED HIGHMAN KIT

THREE-REAGENT KIT FOR STAINING AMYLOIDS, CHARACTERISTIC FOR USE OF ALKALINE SOLUTION AS DIFFERENTIATION MEDIUM IN ORDER TO AVOID UNDESIRABLE NON-SPECIFIC COLOURATION OF CELLULAR SUBSTANCES. AMYLOID DEPOSITS DISPLAY GREEN COLOURATION UNDER POLARISED LIGHT.

CONGO RED HIGHMAN KIT IS USED FOR STAINING AMYLOIDS (AMORPHOUS CLUSTERS). AMYLOID DEPOSITS ARE STAINED CHARACTERISTICALLY RED, BUT UNDER POLARISED LIGHT THEY DISPLAY DOUBLE REFRACTION AND RESULT IN GREEN METACHROMASIA.

PRODUCT REF	DESCRIPTION
BGN048	FOR 100 TESTS

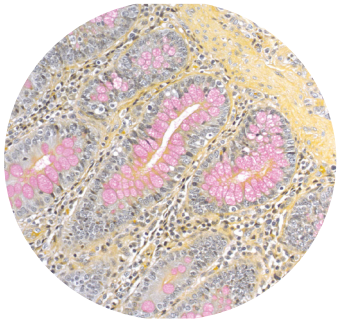


CONGO RED PUCHTLER KIT

THREE-REAGENT KIT FOR STAINING AMYLOIDS, CHARACTERISTIC BY ITS HIGH IONIC STRENGTH AND PH ENHANCING THE SPECIFICITY OF CONGO RED DYE BINDING TO AMYLOID CLUSTERS. THIS METHOD DEVELOPED BY PUCHTLER REMAINS THE GOLD STANDARD FOR AMYLOIDS IN TISSUE SECTIONS. AMYLOID CLUSTERS HAVE THE PROPERTY OF DOUBLE REFRACTION THAT ENABLES GREEN COLOURATION UNDER POLARISED LIGHT.

CONGO RED PUCHTLER KIT IS USED FOR STAINING AMYLOIDS (AMORPHOUS CLUSTERS) IN HISTOLOGY SECTIONS. DESPITE THEIR VARIABLE PROTEIN COMPOSITION, AMYLOID DEPOSITS ARE LINKED BY FIBRIL BETA-SHEETS FORMATION. CONGO RED DYE BINDS TO FIBRILS AND FORM A REGULAR PATTERN OF DYE MOLECULES DURING THE PROCESS. THE STRUCTURAL REGULARITY OF THE DYE UNDER POLARISED LIGHT DEMONSTRATES DOUBLE REFRACTION OF LIGHT BY DISPLAYING GREEN COLOURATION. HIGH PH LEVEL AND IONIC STRENGTH OF SOLUTIONS ACCORDING TO PUCHTLER ACHIEVE HIGHER DYE SPECIFICITY TO AMYLOID.

PRODUCT REF	DESCRIPTION
BGN049	FOR 100 TESTS

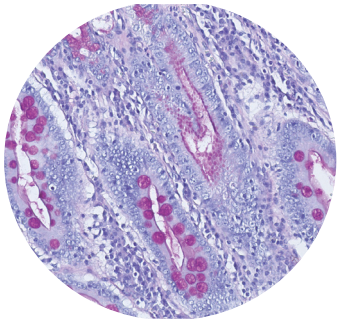


MUCICARMINE KIT

MUCICARMINE KIT IS OFTEN USED TO IDENTIFY PRIMARY TUMOUR SITES, DISTINGUISHING MUCIN-NEGATIVE UNDIFFERENTIATED SQUAMOUS CELL LESIONS FROM MUCIN-POSITIVE ADENOCARCINOMAS. IT CAN ALSO BE USED AS INDICATIVE OF DISEASES SUCH AS ASTHMA, BRONCHITIS, CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND CYSTIC FIBROSIS.

MUCICARMINE KIT IS USED FOR VISUALISING ACID MUCOPOLYSACCHARIDES (MUCINS), WHICH CAN BE VERY USEFUL WHEN DIAGNOSING THE TYPE OF TUMOUR (ACCORDING TO THE TUMOUR MUCIN SECRETION). IT IS ALSO USED IN MICROBIOLOGY FOR IDENTIFYING MICRO-ORGANISMS BASED ON CELLULAR MEMBRANE COLOURATION, BUT THAT IS LIMITED TO THE MICROORGANISMS THAT HAVE COMPLETE CELLULAR MEMBRANE (OR PARTIALLY) CONSISTING OF POLYSACCHARIDES.

PRODUCT REF	DESCRIPTION
BGN050	FOR 100 TESTS



P.A.S. KIT

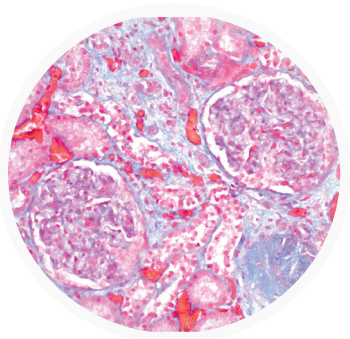
FIVE-REAGENT PERIODIC ACID-SCHIFF KIT FOR STAINING ALDEHYDES, MUCCOPOLYSACCHARIDES, MUCOPROTEINS AND LYMPHOCYTES ACCORDING TO HOTCHKISS-MCMANUS. P.A.S. STAINING MAY ALSO BE USED FOR THE DEMONSTRATION OF FUNGAL ORGANISMS IN TISSUE SECTIONS.

ONE OF THE MOST FREQUENTLY USED CHEMICAL METHODS IN HISTOLOGY IS P.A.S. STAINING. THE P.A.S. STAINING IS BASED ON THE OXIDATION REACTION WITH THE PRESENCE OF PERIODIC ACID AND SCHIFF'S REAGENT. PERIODIC ACID MAKES THE MOLECULES CONTAINING GLYCOL GROUPS CREATE ALDEHYDES AFFECTED BY SCHIFF'S REAGENT THAT STAINS THEM VIOLET (MAGENTA). THIS METHOD IS MOST COMMONLY USED IN LIVER AND MUSCLE CELLS TESTING. SPECIFIC STAINS ARE CREATED BY APPLYING P.A.S. METHOD ON UNSUBSTITUTED POLYSACCHARIDES, MUCOPROTEINS AND GLYCOPROTEINS, GLYCOLIPIDS AND PHOSPHOLIPIDS. COMBINED WITH ALCIAN BLUE, IT CAN DETECT ACID MUCOSUBSTANCES (GLYCOSAMINOGLYCANS).

PRODUCT REF	DESCRIPTION
BGN051	FOR 100 TESTS

CRYOSTAT

- GOMORI TRICHROME KIT
- OIL RED O KIT
- ORCEIN KIT
- SUDAN BLACK B LIPID KIT

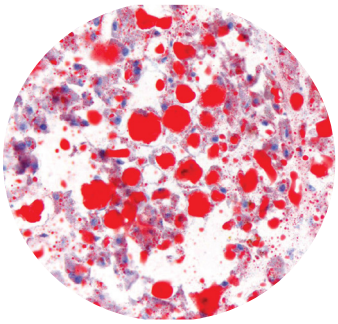


GOMORI TRICHROME KIT

FIVE-REAGENT KIT FOR STAINING MUSCLE, COLLAGEN FIBER AND NUCLEI, CONTAINS BLUE COUNTERSTAIN. THE KIT CAN BE USED TO CONTRAST SKELETAL, CARDIAC OR SMOOTH MUSCLE.

GOMORI TRICHROME KIT IS USED FOR THE ANALYSIS OF COLLAGEN FIBERS IN THE LIVER AND KIDNEYS, IN ORDER TO ACHIEVE EASIER DIFFERENTIATION OF COLLAGEN AND SMOOTH MUSCLE FIBERS, AS WELL AS FOR DISTINGUISHING DESTROYED FIBERS (PRESENT IN CASES OF MITOCHONDRIAL MYOPATHIES).

PRODUCT REF	DESCRIPTION
BGN004	FOR 100 TESTS

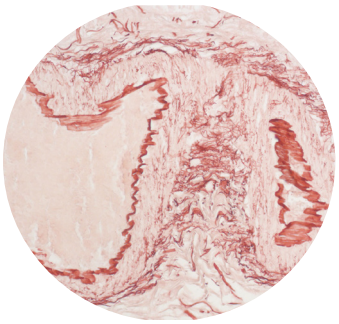


OIL RED O KIT

FOUR-REAGENT KIT FOR SELECTIVE STAINING AND DETECTION OF FAT CELLS AND NEUTRAL FATS ACCORDING TO JOHNSON. IT CAN BE USED WITH FROZEN SECTIONS AND FRESH SMEARS TO DETECT OBESITY-LINKED PATHOLOGIES SUCH AS DYSLIPIDEMIA AND DIABETES TYPE.

BIOGNOST'S OIL RED O KIT IS USED FOR HISTOLOGICAL VISUALISATION OF LIPIDS IN TISSUES. IT IS USED WITH FROZEN TISSUE SECTIONS; LIPIDS MELT IF PROCESSED IN XYLENE OR IN ALCOHOL. OIL RED O DYE HAS MOSTLY REPLACED SUDAN STAINS (SUDAN III AND SUDAN IV) PREVIOUSLY USED FOR DETECTING LIPIDS BECAUSE IT PROVIDES MORE INTENSE RED STAINING AND IS SIMPLER TO USE.

PRODUCT REF	DESCRIPTION
BGN029	FOR 100 TESTS

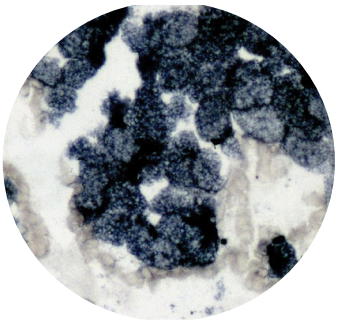


ORCEIN KIT

FIVE-REAGENT KIT FOR VISUALISATION OF HEPATITIS B SURFACE ANTIGEN (HBSAG) SEEN AS VIRAL INCLUSION BODIES IN HEPATOCYTES, FOR ELASTIC FIBRES AND COPPER ASSOCIATED PROTEIN IN TISSUE SECTIONS. IT CAN BE USED WITH FROZEN SECTIONS.

ORCEIN KIT IS USED FOR IDENTIFICATION OF INCLUSION BODIES OF SURFACE HEPATITIS B (HBSAG) ANTIGENS, ELASTIC FIBRES AND PROTEIN COMPLEXES WITH COPPER. IT MAY BE USED WITH THE SECTIONS EMBEDDED IN PARAFFIN, BUT ALSO WITH FROZEN SECTIONS. IT IS ALSO RECOMMENDED TO FIX THE SECTIONS PRIOR TO PROCEDURE BY USING NEUTRAL BUFFERED FORMALDEHYDE.

PRODUCT REF	DESCRIPTION
BGN013	FOR 100 TESTS



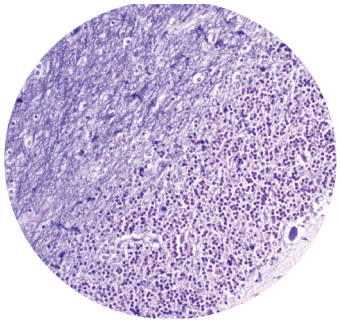
SUDAN BLACK B LIPID KIT

FOUR-REAGENT KIT FOR SPECIFIC LIPID STAINING IN CYTOCHEMISTRY. SUDAN BLACK DYE STAINS A FEW TYPES OF LIPIDS, INCLUDING NEUTRAL FATS, PHOSPHOLIPIDS AND STEROLS. IT CONTAINS A DOUBLE AMOUNT OF SUDAN BLACK B, SOLUTION.

BIOGNOST'S SUDAN BLACK B LIPID KIT IS USED FOR SPECIFIC LIPIDS STAINING IN CYTOCHEMISTRY. SUDAN BLACK B IS A MILDLY ALKALINE DYE THAT INTERACTS WITH AN ACID GROUP OF LIPIDS. SUDAN BLACK STAINS A VARIETY OF LIPIDS, INCLUDING NEUTRAL FATS, PHOSPHOLIPIDS, AND STEROLS.

PRODUCT REF	DESCRIPTION
BGN03O	FOR 100 TESTS

CENTRAL NERVOUS SYSTEMS



LUXOL FAST BLUE KIT

THREE-REAGENT KIT FOR STAINING MYELIN AND MYELINATED AXONS, NISSL BODIES AND PHOSPHOLIPIDS ACCORDING TO KLUWER-BARRERA. THE KIT IS USED FOR IDENTIFYING THE BASIC NEURONAL STRUCTURE IN THE BRAIN OR SPINAL CORD SECTIONS.

LUXOL FAST BLUE KIT (ACC. TO KLUWER-BARRERA) IS USED FOR DETECTING MYELIN AND NISSL BODIES ON HISTOLOGICAL SECTIONS AND FOR VISUALISING THE BASIC STRUCTURE OF BRAIN TISSUE AND SPINAL CORD TISSUE.

PRODUCT REF	DESCRIPTION
BGN052	FOR 100 TESTS

ADDITIONAL STAINING KITS

- HISTOLOGY STAINS
- HAEMATOLOGY STAINS
- BACTERIOLOGY STAINS
- TB-STAIN FLUORESCENT AND TB-STAIN AURAMINE O
- CYTOLOGY STAINS

HISTOLOGY STAINS

HE RAPID STAINING KIT

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.

THE STAINING PROCEDURE IS SIMPLIFIED AND CONDUCTED IN A FEW MINUTES. THE KIT CONTAINS ALL THE REAGENTS NECESSARY FOR SAMPLE PROCESSING – BIOFIX MEDIUM FOR FIXING CRYOSTAT SAMPLES, BIOCLEAR NEW (XYLENE SUBSTITUTE) FOR DEPARAFFINATION AND CLEARING PARAFFIN SECTIONS, ALCOHOLIC SOLUTIONS FOR REHYDRATION AND DEHYDRATION OF TISSUE, DEIONIZED WATER, AS WELL AS HEMATOXYLIN AND EOSIN, AND NUCLEAR BLUING MEDIUM. THE REAGENTS ARE PLACED IN PRACTICAL JARS AND SECTIONS MAY BE DIRECTLY IMMERSED. THEY ARE PLACED IN THE ORDER OF USE IN THE BOX, WHICH LOWERS THE POSSIBILITY OF CONTAMINATION OF REAGENTS DURING STAINING.

	PRODUCT REF	DESCRIPTION
	BGN058	FOR 100 TESTS

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.

THE KIT IS SPECIALLY PREPARED FOR FAST AND PRACTICAL PREPARATION OF HEMATOXYLIN INSTANT THAT CAN BE USED FOR STAINING HISTOLOGY AND CYTOLOGY SAMPLES. IT CONTAINS TWO SPECIALLY STABILIZED COMPONENTS THAT (BY DISSOLVING IN DISTILLED WATER) CREATE A FORMULATION OF HEMATOXYLIN THAT MAY BE USED AS A SUBSTITUTE FOR HARRIS' OR GILL'S HEMATOXYLIN. HEMATOXYLIN INSTANT PROVIDES VERY PRECISE AND CLEAR RESULTS OF CELLULAR NUCLEI, AND MAY ALSO BE USED IN PROGRESSIVE AND IN REGRESSIVE STAINING METHODS. IT ALSO DOES NOT CONTAIN OXIDANT BASED ON MERCURY CHLORIDE. THAT MAKES IT ENVIRONMENT-FRIENDLY.

PRODUCT REF	DESCRIPTION
BGN057	2 X 1 LITRE

HAEMATOLOGY STAINS

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.

BIOGNOST BIO-DIFF KIT STAINS HAEMATOLOGIC PREPARATIONS IN A SHORT PERIOD OF TIME AND PROVIDES PRECISE STAINING RESULTS, SUCH AS RESULTS OF THE MAY-GRUENWALD GIEMSA METHOD. EACH PART OF THE KIT IS STABILIZED SEPARATELY AND PREPARED ACCORDING TO THE HIGHEST STANDARDS. .

PRODUCT REF	DESCRIPTION
HST200-A & HST200-D	3 X 100ML

BACTERIOLOGY STAINS

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 DECOLOURISER SOLUTION 2 AND GRAM SAFRANIN SOLUTION AS COUNTERSTAIN.

BIOGRAM 4 KIT CONTAINS GRAM CRYSTAL VIOLET 1% SOLUTION, STABILIZED GRAM LUGOL SOLUTION, TWO PACKAGES OF GRAM DECOLOURISER SOLUTION 2 AND GRAM SAFRANIN SOLUTION. ITS CHARACTERISTICS MAKE IT AN OPTIMAL BACTERIA STAINING AGENT WHICH PROVIDES CONSISTENT RESULTS.

PRODUCT REF	DESCRIPTION
BGN059	5 X 100 ML

BIOGRAM ECO KIT

FOUR-REAGENT PHENOL-FREE KIT FOR THE IDENTIFICATION OF BACTERIA ACCORDING TO GRAM. THE KIT CONTAINS THE FOLLOWING REAGENTS: GRAM CRYSTAL VIOLET, PHENOL-FREE REAGENT, GRAM SODIUM HYDROGENCARBONATE SOLUTION, STABILIZED GRAM LUGOL SOLUTION, GRAM DECOLOURISER SOLUTION 2 (DOUBLE PACKAGE) AND GRAM SAFRANIN SOLUTION. BIOGNOST'S BIOGRAM ECO KIT DOES NOT CONTAIN PHENOL AND IT MINIMIZES EXPOSURE TO HARMFUL CHEMICALS.

PRODUCT REF	DESCRIPTION
BGN053	2×50 ML+4×100 ML

TB- STAIN COLD KIT

THREE-REAGENT KIT FOR STAINING ACID-FAST BACTERIA ACCORDING TO KINYOUN.

THIS METHOD USES CARBOL FUCHSIN AS THE MAIN DYE, ACID ALCOHOL AS DECOLOURISATION MEDIUM AND MALACHITE GREEN SOLUTION AS CONTRASTING DYE. BIOGNOST'S TB-STAIN COLD KIT CONTAINS TB CARBOL FUCHSIN REAGENT AND TWO PACKAGES OF TB DECOLOURISER AND MALACHITE GREEN REAGENT.

PRODUCT REF	DESCRIPTION
BGN055	4 X 100ML

TB- STAIN ECO KIT

THREE-REAGENT PHENOL-FREE KIT FOR STAINING ACID-FAST BACTERIA. CONTAINS TB-FUCHSIN REAGENT, DOUBLE AMOUNT OF TB DECOLOURISER AND METHYLENE BLUE LOEFFLER'S REAGENT AS COUNTERSTAIN.

EARLY LABORATORY DIAGNOSIS OF TUBERCULOSIS IS BASED ON THE INTERPRETATION OF STAINED SMEARS, AND ONE OF THE BEST DIAGNOSTIC METHODS IS ANALYSING SPUTUM SAMPLE UNDER MICROSCOPE. THE MOST COMMON AND RENOWNED METHOD USED FOR DETECTING THE TUBERCULOSIS BACTERIA IS STAINING ACCORDING TO ZIEHL-NEELSEN. THIS KIT USES MODIFIED ZIEHL-NEELSEN METHOD THAT CONTAINS TB FUCHSIN REAGENT, PHENOL-FREE, ACID ALCOHOL AS DECOLOURISING AGENT (TWO PACKAGES OF TB DECOLOURISER) AND METHYLENE BLUE SOLUTION AS COUNTERSTAIN (METHYLENE BLUE LOEFFLER REAGENT).

PRODUCT REF	DESCRIPTION
BGN060	5 X 100ML

TB- STAIN HOT KIT

THREE-REAGENT KIT FOR STAINING ACID-FAST BACTERIA.

THE MOST COMMON AND RENOWNED METHOD USED FOR DETECTING THE TUBERCULOSIS BACTERIA IS STAINING ACCORDING TO ZIEHL-NEELSEN. THIS METHOD USES CARBOL FUCHSIN AS THE MAIN DYE, ACID ALCOHOL AS DECOLOURISATION MEDIUM AND METHYLENE BLUE SOLUTION AS CONTRASTING DYE. BIOGNOST'S TB-STAIN HOT KIT CONTAINS TB CARBOL FUCHSIN REAGENT, TWO PACKAGES OF TB DECOLOURISER AND METHYLENE BLUE LOEFFLER REAGENT AS COUNTERSTAIN.

PRODUCT REF	DESCRIPTION
BGN054	3 X 100ML

TB- STAIN QUICK KIT

THREE-REAGENT KIT FOR RAPID STAINING OF ACID-FAST BACTERIA USING KINYOUN-GABBETT METHOD. CONTAINS TB CARBOL FUCHSIN REAGENT AND TB ARMAND REAGENT AS COUNTERSTAIN.

THE KINYOUN-GABBETT METHOD DOES NOT REQUIRE HEATING THE GLASS SLIDE CONTAINING THE SAMPLE. THIS METHOD USES CARBOL FUCHSIN AS MAIN DYE, AND ARMAND REAGENT AS COUNTERSTAIN. BIOGNOST'S TB-STAIN QUICK KIT CONTAINS TB CARBOL FUCHSIN REAGENT, TB DECOLOURISER, AND TB ARMAND REAGENT.

PRODUCT REF	DESCRIPTION
BGN061	3 X 100ML

TB-STAIN FLUORESCENT AND TB-STAIN AURAMINE O

TB-STAIN FLUORESCENT KIT

THREE-REAGENT KIT FOR FLUORESCENCE-MICROSCOPIC DETECTION OF ACID-FAST BACTERIA. CONTAINS TB AURAMINE-RHODAMINE REAGENT, DOUBLE AMOUNT OF TB DECOLOURISER FLUORESCENT AND TB PERMANGANATE REAGENT AS COUNTERSTAIN.

STRAINS OF BACTERIA, SUCH AS MYCOBACTERIA AND NOCARDIA CANNOT BE STAINED USING SIMPLE DYES. FLUORESCENCE HAS BEEN USED TO DETECT ACID FAST BACTERIA FOR MANY YEARS. THIS METHOD IS MORE SENSITIVE THAN THE KINYOUN METHOD. IT TAKES LESS TIME TO INTERPRET THE RESULTS. AURAMINE-RHODAMINE, ACID ALCOHOL (0.75% HCL ALCOHOL SOLUTION) AS A DIFFERENTIATION MEDIUM AND POTASSIUM PERMANGANATE AS A CONTRASTING DYE ARE USED IN THIS METHOD.

PRODUCT REF	DESCRIPTION
BGN062	4 X 100ML

TB-STAIN AURAMINE O KIT

THREE-REAGENT KIT FOR STAINING ACID-FAST BACTERIA USING FLUORESCENCE METHOD. CONTAINS TB AURAMINE O REAGENT, DOUBLE AMOUNT OF TB DECOLOURISER FLUORESCENT AND COUNTERSTAIN OF TB PERMANGANATE REAGENT.

THIS METHOD IS MORE SENSITIVE THAN THE KINYOUN METHOD. IT TAKES LESS TIME TO INTERPRET THE RESULTS. AURAMINE O, ACID ALCOHOL AS A DIFFERENTIATION MEDIUM AND POTASSIUM PERMANGANATE AS A COUNTERSTAIN ARE USED IN THIS METHOD.

PRODUCT REF	DESCRIPTION
BGN063	4 X 100ML

CYTOLOGY STAINS

PAPANICOLAOU RAPID STAINING KIT

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.

SUITABLE FOR CYTOLOGY GYNECOLOGY AND NON-GYNECOLOGY SECTIONS STAINING ACCORDING TO PAPANICOLAOU ENABLES COMPLETE SAMPLE PROCESSING IN JUST A FEW MINUTES AFTER SAMPLING. THE STAINING PROCEDURE IS SIMPLIFIED AND CONDUCTED IN A FEW MINUTES. IT CONTAINS ALL THE REAGENTS NECESSARY FOR SAMPLE PROCESSING 95% ALCOHOL AS FIXATIVE, DEIONIZED WATER, HEMATOXYLIN HP, NUCLEAR BLUING REAGENT, OG-6 REAGENT AND EA 50 REAGENT, AS WELL AS 100% ALCOHOL FOR TISSUE DEHYDRATION AND BIOCLEAR NEW (XYLENE SUBSTITUTE) FOR SECTION CLEARING.

PRODUCT REF	DESCRIPTION
BGN056	FOR 100 TESTS