

BIOMAXIMA



MOLECULAR
BIOLOGY

BioMaxima SA is a Polish company specializing in the production and sale of high-quality medical devices and laboratory equipment. Over twenty years of experience allows us to introduce and adapt new technologies to the needs of our customers. Directly and through a network of distributors, BioMaxima serving thousands of laboratories in Poland and over 60 countries in Europe, Asia, Africa, and the Americas. Company continues improvement of processes ensuring consistent high quality products in line with customer requirements, the Quality Management System is following appropriate quality standards (ISO 9001, ISO 13485 for the design and manufacture of medical devices).

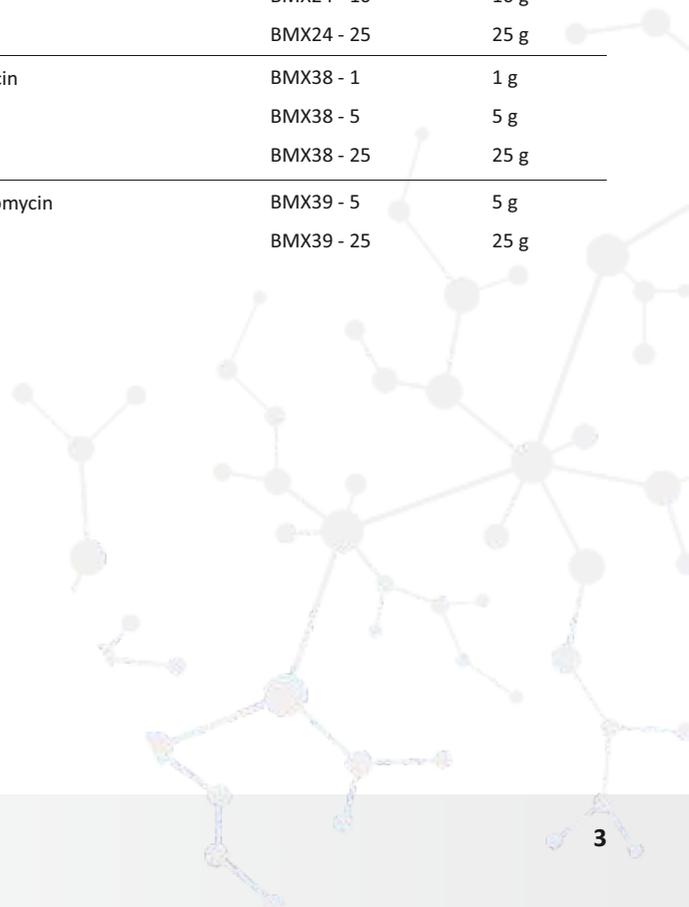
All in vitro diagnostic medical devices meet the requirements of the EU Regulation 2017/746 on in vitro diagnostic medical devices (IVDR) In August 2018, Research and Development Center (R&D) has been put into operation. The aim of the work is to create solutions that will facilitate research and diagnostics in many microbiological, biotechnological, environmental, industrial and medical areas.

Antibiotics commonly used for selection of transformed bacteria or protection of the mammalian cell cultures. Delivered in form of a powder for self-preparation or ready-to-use solutions.



Antibiotics	Cat. no.	Pack size
Ampicilin Sodium	BMX13 - 5	5 g
	BMX13 - 10	10 g
	BMX13 - 25	25 g
Amoxicillin	BMX33 - 10	10 g
	BMX33 - 25	25 g
Carbenicillin	BMX34 - 5	5 g
	BMX34 - 25	25 g
Cefotaxime	BMX2 - 1	1 g
	BMX2 - 5	5 g
	BMX2 - 25	25 g
Chloramphenicol	BMX21 - 5	5 g
	BMX21 - 10	10 g
	BMX21 - 25	25 g
Doxycycline	BMX32 - 1	1 g
	BMX32 - 5	5 g
	BMX32 - 10	10 g
	BMX32 - 10	25 g

Antibiotics	Cat. no.	Pack size
G-418 Disulphate (geneticin)	BMX35- 1	1 g
	BMX35- 5	5 g
Hygromycin B	BMX36- 1 mlN U	1 mlN U
Kanamycin	BMX37- 1	1 g
	BMX24 - 5	5 g
	BMX24 - 10	10 g
	BMX24 - 25	25 g
Rifampicin	BMX38 - 1	1 g
	BMX38 - 5	5 g
	BMX38 - 25	25 g
Spectinomycin	BMX39 - 5	5 g
	BMX39 - 25	25 g



Real Time PCR Assays for diagnostics

Genetic testing in qPCR technology is the highest quality tool in the field of molecular diagnostics of human and animal pathogens. BioMaxima S.A. provides qPCR tests to clinical, industrial, veterinary, research and scientific molecular laboratories. We offer tests for the identification and differentiation of respiratory and digestive pathogens, sexually transmitted diseases and many others. Our offer is constantly expanding to meet the diverse needs of our clients. Product stability, high sensitivity of the test, long shelf life and storage at room temperature are guaranteed thanks to the lyophilization of the PCR mixture and modern test production methods. Our biggest advantage is "all in one" format, the user only adds the buffer and the tested sample. We use standard PCR microtubes (low and high profile), compatible with most qPCR thermocyclers.

SARS-CoV-2 Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 5008	96 tests	SARS-CoV-2 Real Time PCR LAB-KIT™ is designed for the specific identification of SARS-CoV-2 in respiratory tract samples. The analysis is based on the qualitative detection of two virus genes (ORF1ab and N) in a real-time PCR reaction preceded by reverse transcription, with the internal amplification control. The test is supplied in the form of lyophilisate in tubes or plates for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 5008 HP	96 tests	
96-well plate low-profile	PCR 5096	96 tests	
96-well plate high-profile	PCR 5096 HP	96 tests	
SARS-CoV-2 3G-Hum Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 5308	96 tests	SARS-CoV-2 3G-Hum Real Time PCR LAB-KIT™ is designed for the specific identification of SARS-CoV-2 in respiratory tract samples. The analysis is based on the qualitative detection of three virus genes (ORF1ab, N, E) in a real-time PCR reaction preceded by reverse transcription. The test uses the primers and probe for the human GAPDH gene (the "housekeeping" gene) as an endogenous internal control. The test is supplied in the form of lyophilisate in tubes for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 5308 HP	96 tests	
SARS-Flu-RSV Lyo-Multiplex Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 5108	96 tests	The SARS-Flu-RSV Lyo-Multiplex Real Time PCR LAB-KIT™ is a genetic RT-qPCR test intended for the qualitative detection of the nucleic acids of the viruses: SARS-CoV-2, influenza A/B and human respiratory syncytial virus A/B (RSV A/B) in respiratory tract samples. The test is supplied in the form of lyophilisate in tubes or plates for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 5108 HP	96 tests	
96-well plate low-profile	PCR 5196	96 tests	
96-well plate high-profile	PCR 5196 HP	96 tests	
Parainfluenza 4.0 Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 5208	2 x 48 tests	The Parainfluenza 4.0 Real Time PCR LAB-KIT™ genetic test is intended for the qualitative identification and differentiation of Parainfluenza 1-4 viruses in respiratory tract samples. The genetic material of the pathogens is extracted from clinical specimens, amplified during RT-qPCR and detected with specific fluorescent probes. The test is supplied in the form of lyophilisate in tubes for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 5208 HP	2 x 48 tests	
Influenza 4.0 Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 5408	96 tests	The Influenza 4.0 Real Time PCR LAB-KIT™ test is intended for the qualitative identification and differentiation of Influenza A (H1N1)pdm09, H3N2, H5N1 and H7N9 viruses in respiratory tract samples. The genetic material of the pathogens is extracted from clinical specimens, amplified during RT-qPCR and detected with specific fluorescent probes. The test is supplied in the form of lyophilisate in tubes or plates for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 5408 HP	96 tests	
96-well plate low-profile	PCR 5496	96 tests	
96-well plate high-profile	PCR 5496 HP	96 tests	
STD Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 6008	96 tests	The STD Real Time PCR LAB-KIT™ genetic test is intended for the qualitative identification and differentiation of Neisseria gonorrhoeae, Chlamydia trachomatis, Mycoplasma genitalium, Trichomonas vaginalis, Ureaplasma urealyticum, Ureaplasma parvum and/or Mycoplasma hominis, in the clinical samples from patients with symptoms of sexually transmitted disease (STD). The genetic material of the pathogens is extracted from clinical specimens, amplified during qPCR and detected with specific fluorescent probes. The test is supplied in the form of lyophilisate in tubes for various types of qPCR thermocyclers.
8-well strips high-profile	PCR 6008 HP	96 tests	
Herpes / Treponema Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 6108	96 tests	The Herpes/Treponema Real Time PCR LAB-KIT™ genetic test is used for in vitro diagnostics of pathogens: Treponema pallidum and herpes simplex virus type 1 or 2 (HSV-1 and 2). The genetic material of the pathogens is extracted from clinical specimens, amplified during qPCR and detected with specific fluorescent probes. The test is supplied in the form of lyophilisate in tubes or plates for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 6108 HP	96 tests	
96-well plate low-profile	PCR 6196	96 tests	
96-well plate high-profile	PCR 6196 HP	96 tests	

cont.

Real Time PCR Assays for diagnostics (cont.)

HPV Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 6208	96 tests	The HPV Real Time PCR LAB-KIT™ genetic test identifies the genetic material of the human papillomavirus (HPV), which is the most common viral infection of the reproductive system. The identification is based on the amplification of the conserved fragment of the L2 gene for Human papillomavirus 16 and L1 for Human papillomavirus 18. The test is supplied in the form of lyophilisate in tubes or plates for various types of qPCR thermocyclers.
8-well strips high-profile	PCR 6208 HP	96 tests	
96-well plate low-profile	PCR 6296	96 tests	
96-well plate high-profile	PCR 6296 HP	96 tests	
Patho E.coli Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 7008	96 tests	Patho E.coli Real Time PCR LAB-KIT™ is used to identify genetic material of strains causing diarrheal diseases of Escherichia coli. In particular, the pathotypes: enterohemorrhagic E. coli (EHEC), enterotoxigenic E. coli (ETEC), enteroinvasive E. coli (EIEC), enteropathogenic E. coli (EPEC), enteroaggregative E. coli (EAggEC) and E. coli diffuse adherent (DAEC). Identification of EHEC, STEC, EPEC, ETEC and EIEC / Shigella is based on the amplification of the conserved fragment of the stx1, stx2, eae, lt, st1a, st1b and ipaH genes. The test is supplied in the form of lyophilisate in tubes for various types of qPCR thermocyclers. CE/IVD
8-well strips high-profile	PCR 7008 HP	96 tests	
Clostridium Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 7108	96 tests	Clostridium Real Time PCR LAB-KIT™ is used to identify Clostridium difficile. Toxin A and B C. difficile identification is based on the amplification of the conserved tcdA and tcdB gene fragments. The test is supplied in the form of lyophilisate in tubes or plates for various types of qPCR thermocyclers.
8-well strips high-profile	PCR 7108 HP	96 tests	
96-well plate low-profile	PCR 7096	96 tests	
96-well plate high-profile	PCR 7096 HP	96 tests	
MPXV Real Time PCR LAB-KIT™	Cat. no.	Pack size	Description
8-well strips low-profile	PCR 5508	96 tests	The MPXV Real Time PCR LAB-KIT™ genetic test is intended for the qualitative identification of monkey pox genes in potentially infectious material collected from a patient suspected of being infected with the pox virus. Virus identification is based on two specific genes: F3L and G2R. The assay includes an endogenous internal amplification control based on the human beta-globin gene (EICHBB gene). CE/IVD
8-well strips high-profile	PCR 5508 HP	96 tests	
96-well plate low-profile	PCR 5596	96 tests	
96-well plate high-profile	PCR 5596 HP	96 tests	
Colour Compensation Real Time PCR LAB-KIT™	Cat. no.	Description	
Strips with reagents for colour compensation assay.	PCR CCK2	The Colour Compensation Kit is designed for generating a Colour Compensation File on Real Time PCR Light Cycler® 480 I/ II and Cobas z480 Analyzer (Roche) thermocyclers. (FAM, HEX, ROX, Cy5 dyes).	

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Nucleic acid isolation - one of the key steps in molecular diagnostics. The quality of the isolated nucleic acid determines the result of qPCR, electrophoresis, etc. BioMaxima S.A. manufactures and supplies manual kits for the isolation of nucleic acids from various matrices (swabs, aspirates, tissues, blood, bacteria, viruses, etc.). Our kits guarantee high quantity and purity of isolated nucleic acids. Isolation kits are based on the classic method of insulation on columns, thermal or magnetic insulation. BioMaxima S.A. also distributes devices and kits for the automatic isolation of nucleic acids.

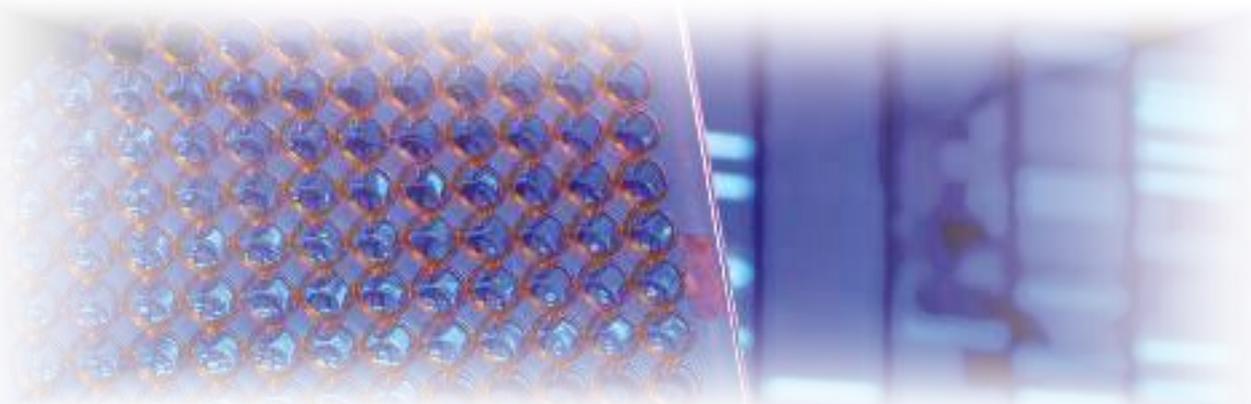
Automated nucleic acid extraction systems	Cat. no.	Pack size	Description
NEXTRACTOR NX-48S	NX-48S	1 system	Equipment for automatic isolation of nucleic acids (magnetic method) from samples of various origins. Isolation time 15-25 min. Simultaneous isolation of up to 48 samples. Internal UV lamp for sterilization.
Bacterial DNA Kit	BD143	48 isolations	Bacterial DNA isolation kit, Material: Raw Sputum, Pre-Treated (NaOH, NaCl) Sputum, Bronchial secretion, CSF, Urine, Cell Culture, etc.
Bacterial DNA Kit	BD146	48 isolations	Bacterial DNA isolation kit, Material: urine, vaginal, cervical, genital, urethral swabs, semen, ulcers.
Cell DNA Kit	CD141	48 isolations	Kit for the isolation of DNA from animal cells.
Cell RNA Kit	CR141	48 isolations	Kit for the isolation of RNA from animal cells.
FFPE DNA Kit	FF141	48 isolations	Kit for the isolation of DNA from FFPE, Tissue, tissues stored in paraffin.
Food DNA Kit	FD141	48 isolations	Kit for the isolation of DNA from food and feed samples, for GMO/origin of food testing.
Genomic DNA Kit	GD141 / GD142 (pre-treatment needed for high concentration)	48 isolations	Kit for the isolation of genomic DNA from whole blood, buffy coat, buccal swab, saliva.
Plant DNA Kit	PD141	48 isolations	Kit for the isolation of DNA from seeds, rice, corn, wheat bean.
Plant DNA Kit	PD142	48 isolations	Kit for the isolation of DNA from leaves, stems, roots.
Stool DNA Kit	SD141	48 isolations	Kit for the isolation of DNA from stool and fecal/rectal swabs.
Stool RNA Kit	SR141	48 isolations	Kit for the isolation of RNA from stool and fecal/rectal swabs.
Tissue DNA Kit	TD141	48 isolations	Kit for the isolation of DNA from muscle tissues, meat.
Urine/Swab DNA Kit	US141	48 isolations	Kit for the isolation of DNA from urine, cervical, genital/vaginal swabs, EPS, semen.
Viral DNA Kit	VD141	48 isolations	Kit for the isolation of viral DNA from serum, plasma, nasal swabs, etc.
Viral RNA Kit	VR142	48 isolations	Kit for the isolation of viral RNA from serum, plasma, nasal swabs, etc.
Viral NA Kit	VN142	48 isolations	Kit for the isolation of SARS-CoV-2 nucleic acid material from raw sputum.
Viral NA Kit	VN143	48 isolations	Kit for the isolation of SARS-CoV-2 nucleic acid material from nasopharyngeal swab, diluted sputum, serum, plasma, nasal and throat swabs, CSF, UTM).

cont.

Nucleic acid isolation kits (cont.)

DNA extraction	Cat. no.	Pack size	Description
LYO NA Isolation LAB-KIT™	EXT 0048	48 isolations	The kit is designed for the isolation of nucleic acids from viruses and some bacteria (Salmonella spp., Listeria spp.) From respiratory samples (swabs, sputum, washings, saliva) and from the faeces of patients suspected of viral or bacterial infection. This kit is intended to be used as an aid in the processing of suspect airway samples for the isolation of nucleic acids (RNA, DNA) and identification in quantitative real-time qPCR assays, including reverse transcription (RT-qPCR). The isolation kit is in a lyophilized form. CE / IVD
CE / IVD			
Genomic DNA Isolation LAB-KIT™	EXT 2025025 EXT 2025100	25 isolations 100 isolations	Kit for the isolation of genomic DNA from swabs (microcentrifuge).
Genomic DNA Isolation LAB-KIT™	EXT 2105100	100 isolations	Kit for the isolation of genomic DNA from swabs (gravity method).
Universal Genomic DNA Isolation LAB-KIT™	EXT 2116050 EXT 2116250	50 isolations 250 isolations	Universal kit for the isolation of genomic DNA from various materials.
Plasmid DNA Small Isolation LAB-KIT™	EXT 2020050 EXT 2020250	50 isolations 250 isolations	Plasmid DNA isolation kit - Sample size: up to 3 ml of bacterial culture.
Plasmid DNA Medium Isolation LAB-KIT™	EXT 2092010	10 isolations	Plasmid DNA isolation kit - Sample size: up to 100 ml of bacterial culture.
Plasmid DNA MAX Isolation LAB-KIT™	EXT 2093002	2 isolations	Plasmid DNA isolation kit - Sample size: up to 500 ml of bacterial culture
DNA Purification LAB-KIT™	EXT 2021050 EXT 2021250	50 isolations 250 isolations	Kit for DNA purification after PCR and other enzymatic reactions.
DNA Gel Isolation LAB-KIT™	EXT 2023050 EXT 2023250	50 isolations 250 isolations	Kit for DNA isolation from agarose gel. Sample size: agarose block up to 200 mg.
cfDNA isolation LAB-KIT	EXT 2054050	50 isolations	cell free DNA isolation kit
Swab DNA Kit	EXT 2034001	1 set	Set of swab and transport tube for collecting the DNA sample
RNA extraction	Cat. no.	Pack size	Description
Viral RNA/DNA QUICK Isolation LAB-KIT™ - Zestaw do izolacji wirusowego RNA, CE/IVD	EXT 0050 EXT 0100	50 isolations 100 isolations	Kit for the isolation of viral DNA and RNA from blood samples, swabs, saliva and respiratory aspirates. CE/IVD
Viral RNA/DNA Isolation LAB-KIT™	EXT 1034050 EXT 1034100 EXT 1034200	50 isolations 100 isolations 200 isolations	Kit for the isolation of viral DNA and RNA from blood samples, swabs, saliva and respiratory aspirates.
LMW - RNA Isolation LAB-KIT™	EXT 1035025	25 isolations	Kit for the isolation of low molecular weight RNA.
Total RNA Small Isolation LAB-KIT™	EXT 1031025 EXT 1031100	25 isolations 100 isolations	Total RNA purification kit. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 ⁶ of cell culture, up to 50 mg of plant or animal tissue, up to 1000 µl of yeast culture.
Total RNA Medium Isolation LAB-KIT™	EXT 1032020	20 isolations	Total RNA purification kit. Sample size: up to 10 ml of bacteria culture, up to 10 ml of blood, up to 1 x 10 ⁷ of cell culture, up to 150 mg of plant or animal tissue, up to 10 ml of yeast culture.
Total RNA MAX Isolation LAB-KIT™	EXT 1033010	10 isolations	Total RNA purification kit. Sample size: up to 20 ml of bacteria culture, up to 50 ml of blood, up to 5 x 10 ⁷ of cell culture, up to 500 mg of plant or animal tissue, up to 20 ml of yeast culture.
ErythroLysis LAB-KIT™	EXT 02130100 EXT 02130250 EXT 02131000	100 ml 250 ml 1000 ml	Solution for lysis of erythrocytes.
Fenosol	EXT 023050 EXT 023250	50 ml 250 ml	Mixture of phenol and chaotropic salts, suitable for RNA isolation. Fenosol deactivates endogenous RNases.
StayRNA	EXT 1038100 EXT 1038250 EXT 1038500	100 ml 250 ml 1000 ml	StayRNA is an aqueous, non-toxic tissue storage reagent that rapidly permeates tissues to stabilize and protect cellular RNA in situ in unfrozen specimens, in preparation for later RNA isolation.

Polymerase Chain Reaction (PCR) has become a standard tool in every molecular lab. BioMaxima S.A. provides universal PCR reaction mixes (MasterMix PCR) for DNA amplification, one-step reverse RNA transcription into cDNA and amplification. MasterMix with TaqMan, HotStart polymerases; with EvaGreen, SybrGreen dyes. Product stability, high quality, long shelf life and storage at room temperature are guaranteed by the lyophilization of the PCR mixture. Our offer also includes ready-to-use buffers for nucleic acid electrophoresis and enzymes.



NA electrophoresis	Cat. no.	Pack size	Description
Bufor TAE 50 x	BTBM 100.1	1 l	TAE buffer is the most widely used buffer for DNA electrophoresis in agarose gels. 50 x concentrated solution; sterile (filtered).
Bufor TBE 50 x	BTBM 101.1	1 l	TBE buffer is a buffer for DNA electrophoresis in agarose gels, it has a higher buffering capacity than TAE buffer. 50 x concentrated solution; sterile (filtered).
Sample Loading Buffer LAB KIT™	EFR 001	5 x 1 ml	Buffer for loading DNA samples on electrophoresis gel, 6 x.
Marker DNA tiny LAB KIT™	EFR 002	100 aplikacji	Marker (DNA mass standard, "ladder" - 50-1000 bp)
Marker DNA small LAB KIT™	EFR 003	100 aplikacji	Marker (DNA mass standard, "ladder" - 100-3000 bp)
Marker DNA medium LAB KIT™	EFR 004	100 aplikacji	Marker (DNA mass standard, "ladder" - 20-8000 bp)
Marker DNA large LAB KIT™	EFR 005	100 aplikacji	Marker (DNA mass standard, "ladder" - 150-14000 bp)
PCR Reagents	Cat. no.	Pack size	Description
Klenow Fragment LAB KIT™	PCR 001	300 U, 5U/μl	Fragment of E. coli polymerase I, no 5'→3' exonuclease activity.
Pol Taq (standard) LAB KIT™	PCR 002	200 U, 1U/μl	Efficient Taq polymerase for standard PCR applications.
	PCR 003	1000 U; 1U/μl	
Pol Taq HS (Hot Start) LAB KIT™	PCR 004	200 U; 5U/μl	Hot-Start high-yield polymerase blocked by antibody.
	PCR 005	1000 U; 5U/μl	
dNTP Set LAB KIT™	PCR 006	200 μl	Set of deoxynucleotides (dATP, dCTP, dGTP, dTTP). 10 mM of each dNTP, in separate tubes.
	PCR 007	1000 μl	
PCR Mastermix	Cat. no.	Pack size	Description
LiqMasterMix AID Taq PCR (2x) LAB-KIT™	PCR 02011	200 reakcji w 25 μl	Ready-to-use reaction mixture (2x concentrated) for classic PCR with increased specificity. It contains all the components necessary to perform the PCR, the anti-PCR reaction inhibitor and dyes facilitating the observation of electrophoresis, as well as a loading buffer - after the reaction is completed, the sample can be immediately applied to the gel.
	PCR 02012	2000 reakcji w 25 μl	
LiqMasterMix Taq PCR (2x) LAB-KIT™	PCR 02002	50 reakcji po 50 μl	Ready-to-use reaction mixture (2x concentrated) for classic PCR. It contains all the components needed to perform standard PCR. Only the matrix and primers need to be added.

cont.

PCR and electrophoresis (cont.)

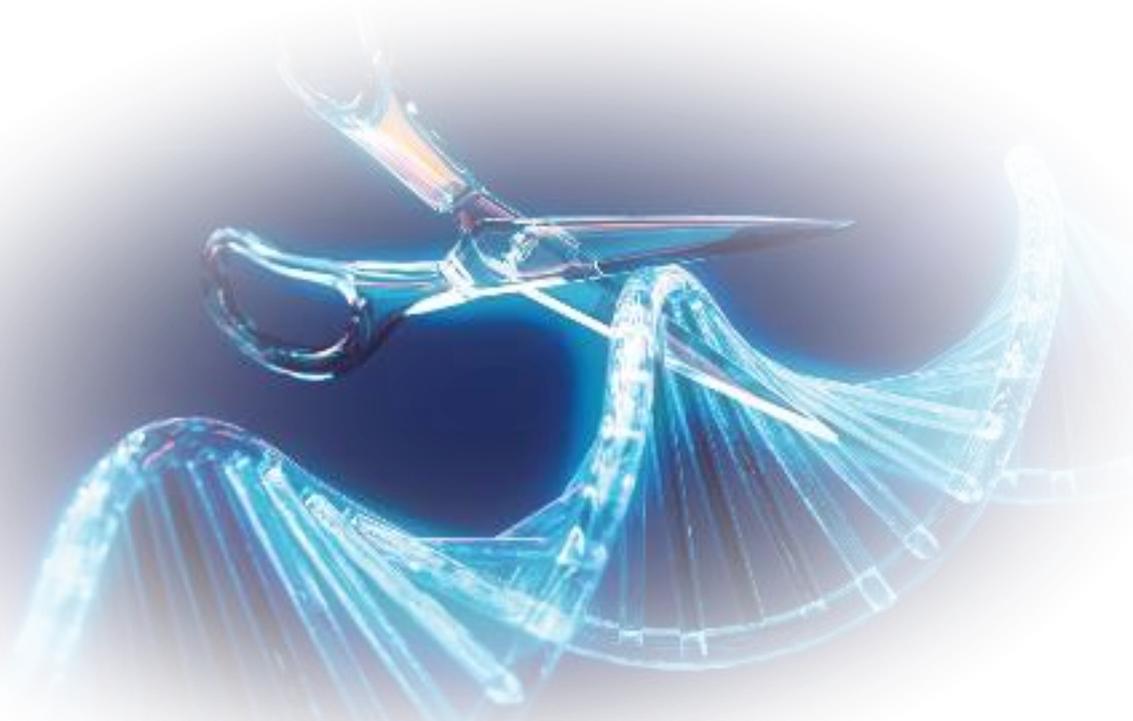
PCR Mastermix	Cat. no.	Pack size	Description
LiqMasterMix RT-qPCR LAB-KIT™	PCR 02001	100 reaction	Ready-to-use reaction mix for RT-qPCR or qPCR. It contains all components, including reverse transcriptase, necessary to perform RT-qPCR or qPCR with fluorescent probes.
LiqMasterMix HS qPCR (2 x) LAB-KIT™	PCR 02009	200 reaction each 25 µl	Ready-to-use reaction mixture (2x concentrated) for highly sensitive qPCR. Hot-Start polymerase, specially optimized buffer and ultra-pure dNTPs ensure the highest quality qPCR. It contains all components necessary to perform qPCR with fluorescent probes.
	PCR 02010	2000 reaction each 25 µl	
LyoTube qPCR DNA LAB-KIT™	PCR 01001	250 uL freeze – dried format	Ready to use, lyophilized qPCR reaction mixture. It contains all components necessary to perform qPCR with fluorescent probes. Only the template, primers and fluorescent probe should be added to the hydrated mixture.
LyoWell qPCR DNA IC LAB-KIT™	PCR 01002	96 - well low-profile plate	Ready-to-use, lyophilized reaction mixture for qPCR, prepared immediately in microtubes. It contains all components necessary to perform qPCR with fluorescent probes. MasterMix also includes an internal control (IC). Only the template, primers and fluorescent probe should be added to the hydrated mixture.
	PCR 01003	96 - well high-profile plate	
LyoWell qPCR DNA LAB-KIT™	PCR 01006	96 - well low-profile plate	Ready-to-use, lyophilized qPCR reaction mixture, prepared immediately in microtubes. It contains all components necessary to perform qPCR with fluorescent probes. MasterMix without internal amplification control. Only the template, primers and fluorescent probe should be added to the hydrated mixture.
	PCR 01007	96 - well high-profile plate	
LyoWell RT-qPCR IC LAB-KIT™	PCR 01004	96 - well low-profile plate	Ready-to-use, lyophilized reaction mixture for RT-qPCR, prepared immediately in microtubes. It contains all components necessary to perform qPCR with fluorescent probes. MasterMix also contains reverse transcriptase and an internal control (IC). Only the template, primers and fluorescent probe should be added to the hydrated mixture.
	PCR 01005	96 - well high-profile plate	
LyoWell RT-qPCR LAB-KIT™	PCR 01008	96 - well low-profile plate	Ready-to-use, lyophilized reaction mixture for RT-qPCR, prepared immediately in microtubes. It contains all components necessary to perform qPCR with fluorescent probes. MasterMix also contains reverse transcriptase, with no internal amplification control. Only the template, primers and fluorescent probe should be added to the hydrated mixture.
	PCR 01009	96 - well high-profile plate	
LiqMasterMix HS qPCR (5 x) LAB-KIT™	PCR 02003	100 reaction each 20 µl	Ready-to-use reaction mix (5x concentrated) for highly sensitive qPCR. Hot-Start polymerase, specially optimized buffer and ultra-pure dNTPs ensure the highest quality qPCR. It contains all components necessary to perform qPCR with fluorescent probes. The mixture can be used to run the reaction directly on the DNA material (no separate step for extracting nucleic acid from the sample).
LiqMasterMix HS SYBR® Green qPCR (2x) LAB-KIT™	PCR 02005	200 reaction each 25 µl	Ready-to-use reaction mix (2x concentrated) for qPCR containing SYBR Green intercalating dye. The mixture contains the effective HOT-START polymerase.
	PCR 02006	2000 reaction each 25 µl	
LiqMasterMix HS EvaGreen® qPCR (2x) LAB-KIT™	PCR 02007	200 reaction each 25 µl	Ready-to-use reaction mix (2 x concentrated) for qPCR containing EvaGreen intercalating dye. The mixture contains the effective Hot-Start polymerase. Recommended for HRM analyzes.
	PCR 02008	2000 reaction each 25 µl	
LiqMasterMix HSA GreenDye RT-qPCR (2x) LAB-KIT™	PCR 02004	100 reaction	Ready-to-use reaction mix (2 x concentrated) for RT-qPCR and qPCR containing GreenDye intercalating dye and reverse transcriptase (reverse transcription is optional). The mixture also contains the highly effective aptamer-blocked Hot-Start polymerase. GreenDye fluorescence is measured on common SYBR / FAM channels.

Enzymes, reagents for molecular biology, protein electrophoresis

A classic range of sensitive and efficient enzymes commonly used in molecular laboratories. High-quality buffers for working with proteins (including Western blotting) and reagents.

Molecular Biology Enzymes and Reagents	Cat. no.	Pack size	Description
DNase I	RGEN 001	1000 U	DNase I (RNase-free) is an endonuclease that digests single- and double-stranded DNA.
	RGEN 002	10000 U	
RNase	RGEN 003	1 ml	Nuclease (DNase free) for RNA degradation.
	RGEN 004	5 x 1 ml	
T4 DNA Ligase	RGEN 005	200 U	Enzyme for efficient ligation of both cohesive and blunt ended dsDNA; it also repairs single-strand nicks in duplex DNA, RNA, or DNA/RNA hybrids.
	RGEN 006	1000 U	
Lyticase	RGEN 007	10000 U	Mix of enzymes for efficient lysis of yeast cell wall.
	RGEN 008	50000 U	
Lysostaphin	RGEN 009	400 U	Enzyme for specific lysis of the cell wall of Staphylococcus bacteria.
	RGEN 010	2000 U	
Lysozyme	RGEN 011	1 ml	Enzyme for lysis of Gram-negative and Gram-positive bacteria.
	RGEN 012	5 x 1 ml	
Mutanolysin, recombinant	RGEN 013	5000 U	Enzyme for digesting the cell wall of Gram-positive bacteria especially resistant to lysis. Including: Streptococcus, Enterococcus, Lactobacillus, Lactococcus and Listeria.
	RGEN 014	10000 U	
	RGEN 015	50000 U	
Viscolase	RGEN 016	25000 U	Highly efficient nuclease degrading DNA and RNA. Reduces viscosity of the protein preparations.
	RGEN 017	100000 U	
Proteinase K	RGEN 018	1 g	Enzyme for digesting proteins in biological samples.
	RGEN 019	1 ml	
Trypsin	RGEN 020	10 g	Serine protease, suitable for cell cultures.

cont.



Enzymes, reagents for molecular biology, protein electrophoresis (cont.)

Molecular Biology Enzymes and Reagents	Cat. no.	Pack size	Description
IPTG	RGEN 021	1 g	IPTG is a chemical analog of galactose strongly inducing the lac promoter. It is frequently used with X-Gal or Blue-Gal for the detection of lac ⁺ colonies in blue/white screening techniques.
	RGEN 022	5 g	
	RGEN 023	25 g	
Blue-Gal	RGEN 024	100 mg	Blue-Gal is an alternative to X-Gal, producing a darker blue color.
X-gal	RGEN 025	100 mg	Substrate for detecting the activity of β -galactosidase. The enzymatic cleavage of X-Gal results in production of indigo dye.
	RGEN 026	1 g	
	RGEN 027	5 g	
Ready-to-use buffers, solutions and reagents	Cat. no.	Pack size	Description
20% SDS solution	BTBM 200.25	250 ml	Detergent, molecular biology grade.
	BTBM 200.1	1 l	
0,5 M EDTA pH 8,0	BTBM 201.1	1 l	Ultrapure, for biochemistry and molecular biology.
1M HEPES, pH 7,2-7,4 1 l	BTBM 202.1	1 l	Ultrapure, for cell cultures and molecular biology.
2-4x SDS-PAGE (Laemmli sample loading buffer)	BTBM 203.10	10 ml	Sample loading buffer for SDS-PAGE.
MOPS Buffer (10 x)	BTBM 204.1	1 l	One of the Good's buffers; structural analog to MES.
Bradford reagent	116950804#250ML	250 ml	Bradford reagent for Bradford assay.
	116950804#500ML	500 ml	
	116950804#1L	1 l	
Phosphate Buffered Saline (PBS)	BT 5105.01	100 ml	Ultrapure, for cell cultures and molecular biology.
	BT 5105.02	200 ml	
	BT 5105.05	500 ml	
TG Buffer w/o methanol (Transfer Buffer) 10 x	BTBM 207.1	1 l	Tris-glycine buffer (TG); Tris-glycine buffer. It can be used for wet blot protein transfer after the addition of methanol.
TG-SDS Buffer (Running Buffer) 10 x	BTBM 206.1	1 l	Tris-glycine-SDS buffer (TG); Tris-glycine-SDS buffer (Running Buffer) for SDS-PAGE.
Tris-buffered saline (TBS) 10 x	BTBM 207.1	1 l	Tris-buffered saline.
RNase free water, DEPC treated	BTBM 208.10	4 x 10 ml	Ultrapure water, DEPC treated, RNase/nuclease free.
	BTBM 208.01	4 x 100 ml	
	BTBM 208.1	1 l	

cont.

Enzymes, reagents for molecular biology, protein electrophoresis (cont.)

Reagents for buffers/solutions; protein analysis

Name	Cat. no.	Pack size	Name	Cat. no.	Pack size																																																																																																																																																									
APS	111391908#50G	50 g	Isopropanol	chem-527515004	100 ml																																																																																																																																																									
	111391908#100G	100 g		BIS Tris	B1516.0100	50 g	MES Monohydrate	M1503.0100	100 g	B1516.0500	100 g		M1503.0250	250 g	Coomassie Brilliant Blue G-250	27815	50 g		M1503.1000	1000 g	DTT	D1309.0005	5 g	Methanol	chem-526219905	100 ml	D1309.0010	10 g	D1309.0025	25 g	EDTA	E0511.0250	250 g	MOPS	M1502.0100	100 g	E0511.0500	500 g		M1502.0250	250 g	E0511.1000	1000 g		M1502.1000	1000 g	Ethanol	chem-113964822	100 ml	Sodium acetate	118056709 #250	250 g	Glycerol	G1345.1000	1 l		118056709 #500	500 g	G1345.5000	5 l		118056709 #1	1 kg	Glycine	G0709.1000	1 kg	Ponceau S, sodium salt	03-2882-T#10G	10 g	G0709.5000	5 kg		03-2882-T#25G	25 g	HEPES	H1504.0025	25 g	SDS	S1377.0100	100 g	H1504.0100	100 g		S1377.0250	250 g	H1504.0250	250 g		S1377.0500	500 g	H1504.0500	500 g		S1377.1000	1000 g	H1504.1000	1000 g	Tris base	T1501.1000	1 kg				T1501.5000	5 kg				Tris HCl	T1513.0100	100 g					T1513.0250	250 g					T1513.0500	500 g					T1513.1000	1000 g				Triton X-100	498418103#50ML	50 ml					498418103#100ML	100 ml					498418103#250ML	250 ml				Tween 20	03-9856-D#100ML	100 ml					03-9856-D#250ML
BIS Tris	B1516.0100	50 g			MES Monohydrate	M1503.0100	100 g																																																																																																																																																							
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Coomassie Brilliant Blue G-250	27815	50 g		M1503.1000	1000 g																																																																																																																																																									
DTT	D1309.0005	5 g	Methanol	chem-526219905	100 ml																																																																																																																																																									
	D1309.0010	10 g		D1309.0025	25 g	EDTA	E0511.0250	250 g	MOPS	M1502.0100	100 g	E0511.0500	500 g		M1502.0250	250 g	E0511.1000	1000 g		M1502.1000	1000 g	Ethanol	chem-113964822	100 ml	Sodium acetate	118056709 #250	250 g	Glycerol	G1345.1000	1 l		118056709 #500	500 g	G1345.5000	5 l		118056709 #1	1 kg	Glycine	G0709.1000	1 kg	Ponceau S, sodium salt	03-2882-T#10G	10 g	G0709.5000	5 kg		03-2882-T#25G	25 g	HEPES	H1504.0025	25 g	SDS	S1377.0100	100 g	H1504.0100	100 g		S1377.0250	250 g	H1504.0250	250 g		S1377.0500	500 g	H1504.0500	500 g		S1377.1000	1000 g	H1504.1000	1000 g	Tris base	T1501.1000	1 kg				T1501.5000	5 kg				Tris HCl	T1513.0100	100 g					T1513.0250	250 g					T1513.0500	500 g					T1513.1000	1000 g				Triton X-100	498418103#50ML	50 ml					498418103#100ML	100 ml					498418103#250ML	250 ml				Tween 20	03-9856-D#100ML	100 ml					03-9856-D#250ML	250 ml																								
	D1309.0025	25 g		EDTA	E0511.0250		250 g	MOPS		M1502.0100	100 g	E0511.0500	500 g		M1502.0250	250 g	E0511.1000	1000 g		M1502.1000	1000 g	Ethanol	chem-113964822	100 ml		Sodium acetate	118056709 #250		250 g	Glycerol	G1345.1000	1 l		118056709 #500	500 g	G1345.5000	5 l			118056709 #1	1 kg		Glycine	G0709.1000	1 kg	Ponceau S, sodium salt	03-2882-T#10G	10 g	G0709.5000		5 kg			03-2882-T#25G	25 g	HEPES	H1504.0025	25 g	SDS	S1377.0100	100 g	H1504.0100	100 g		S1377.0250	250 g	H1504.0250	250 g		S1377.0500	500 g	H1504.0500		500 g		S1377.1000	1000 g	H1504.1000	1000 g	Tris base	T1501.1000	1 kg					T1501.5000	5 kg				Tris HCl	T1513.0100	100 g					T1513.0250	250 g					T1513.0500	500 g						T1513.1000	1000 g				Triton X-100	498418103#50ML	50 ml					498418103#100ML	100 ml						498418103#250ML	250 ml				Tween 20	03-9856-D#100ML	100 ml					03-9856-D#250ML	250 ml														
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Glycerol	G1345.1000	1 l			118056709 #500	500 g																																																																																																																																																								
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Agars, agaroses, microbiology media

BioMaxima has been producing microbiological media for over 20 years. We offer selected and specific media for the cultivation of microorganisms that undergo various modifications, selections and transformations. All of the produced medias are characterized by high-quality nutrients, peptones, carbohydrates, etc. To solidify the media, we use agar from controlled crops such as: Gelidium, Gracilaria, Pterocladia. Selected, purified and prepared agaroses meet the requirements of genetic laboratories. A wide range of agaroses allows the user to choose the perfect one for their application.

Agars	Cat. No.	Pack size	Description
Bacteriological LAB-AGAR™	AB 03	500 g	Agar for microbiology; used in the preparation of culture media and other bacteriological applications. Usually used in concentrations 1,2%- 1,6%.
Pharmaceutical LAB AGAR™	AB 16	500 g	Pharmaceutical quality agar that follows the specifications of the European Pharmacopoeia (EP) and American Pharmacopoeia (USP).
Plant Propagation LAB AGAR™	AB 12	500 g	Agar recommended for the commercial micro-propagation of ornamental, succulent and woody plant species. Usually used in concentrations 0,5%- 0,6%.
Purified LAB AGAR™	AB 06	500 g	Highly purified agar with a very low ash content for use in biochemistry and molecular biology.
Vitro LAB AGAR™	AB 08	500 g	Agar developed especially for in vitro cell culture. Recommended for the commercial micro-propagation of ornamental, succulent and woody plant species. Usually used in concentrations 0,4%- 0,5%.
Ready-to-use media and media ingredients	Cat. No.	Pack size	Description
LB Broth (Lennox)	PS 31	500 g	LB Broth medium (Lennox).
LB LAB-AGAR™ (Lennox)	PS 09	500 g	LB medium (Lennox), with agar.
LB Broth (Miller)	PS 419	500 g	LB Broth medium (Miller).
LB LAB-AGAR™ (Miller)	PS 421	500 g	LB medium (Miller), with agar.
LB Broth (Luria)	PS 381	500 g	LB Broth medium (Luria).
LB LAB-AGAR™ (Luria)	PS 422	500 g	LB medium (Luria), with agar.
NZCYM Broth	PS 423	500 g	Popular medium for the growth of recombinant E. coli strains.
SOB Medium	PS 424	500 g	Nutrient rich medium for the preparation and transformation of E. coli competent cells.
SOC Medium	PS 426	500 g	Nutrient rich medium for the preparation and transformation of E. coli competent cells.
TB Medium	PS 427	500 g	Nutrient rich medium for the growth of E coli.
Yeast Nitrogen Base (YNB) w/o aminoacids	PS 26	500 g	Medium for yeast classification; w/o aminoacids.
Yeast Nitrogen Base (YNB) w/o aminoacids and w/o ammonium sulphate	PS 428	500 g	Medium for yeast classification based on amino acids and carbohydrates requirements; w/o aminoacids and ammonium sulphate.
YP AGAR Base Medium	PS 429	500 g	Medium with agar used for maintaining and developing yeast in microbiology and molecular biology procedures.
YP Base Medium	PS 430	500 g	Medium used for maintaining and developing yeast in microbiology and molecular biology procedures.
YPD AGAR	PS 431	500 g	Medium with agar used for maintaining and developing yeast in microbiology and molecular biology procedures.
YPD Broth	PS 398	500 g	Medium used for maintaining and developing yeast in microbiology and molecular biology procedures.
Amino Acid Mix	PS 432	100 g	Mixture of aminoacids used as a supplement in the preparation of yeast media.

cont.

Agars, agaroses, microbiology media (cont.)

Peptons, plant and animal-derived extracts, hydrolysates	Cat. No.	Pack size	Description
Yeast extract, Microgranulate	PB 06	500 g	Concentrate of autolyzed <i>Saccharomyces cerevisiae</i> cells. A rich source of B vitamins, aminoacids and growth factors.
Malt extract	PB 17	500 g	A rich source of carbohydrates.
Bacteriological Peptone	PB 01	500 g	Enzymatic hydrolysate of animal tissues.
Beef Extract	PB 03	500 g	Extract of fresh bovine tissue.
Bile Salts Nr 3	PB 12	500 g	Mixture of bile extracts suitable for selective media.
Casein Peptone	PB 04	500 g	Casein hydrolysate.
Casein Peptone H (acid)	PB 05	500 g	Casein acid hydrolysate.
Dehydrated Oxbile	PB 07	500 g	Suitable for selective media.
Gelatin Peptone	PB 08	500 g	Pancreatic digest of gelatine.
Heart Infusion	PB 15	500 g	Media ingredient for the growth of microorganisms with high nutritional requirements.
Lactoalbumin hydrolysate	PB 16	500 g	Peptide, amino acid, and carbohydrate mixture obtained after hydrolysis of the protein portion of milk whey.
Liver Digest Neutralized	PB 43	500 g	Media ingredient for selective media, usually for the growth of anaerobic bacteria.
Meat Peptone	PB 09	500 g	Enzymatic hydrolysate of animal muscle tissue.
Proteose Peptone	PB 11	500 g	Enzymatic hydrolysate of animal tissue.
Proteose Peptone Nr 3	PB 18	500 g	Enzymatic hydrolysate of animal tissue.
Soy Peptone	PB 13	500 g	Papaic digest of defatted soybean meal.
Tryptone	PB 02	500 g	Pancreatic digest of casein.
Tryptose	PB 14	500 g	A mixture of peptones suitable for the growth of fastidious microorganisms.

cont.



Agars, agaroses, microbiology media (cont.)

Agaroses	Cat. No.	Pack size	Description
Agarose D1 LOW EEO	AG2210- 100	100 g	Agarose D1 LOW EEO is a high quality agarose suitable for most research applications. It has high transparency and a very low sulphate content ($\leq 0.1\%$). The low level of electroosmosis (EEO) results in well-defined, sharp bands after electrophoresis.
	AG2210- 250	250 g	
	AG2210- 500	500 g	
	AG2210- 1000	1000 g	
Agarose D1 LOW EEO GQT	AG2217- 100	100 g	Agarose D1 LOW EEO is a high quality agarose suitable for most research applications. It has high transparency and a very low sulphate content ($\leq 0.1\%$). The low level of electroosmosis (EEO) results in well-defined, sharp bands after electrophoresis. This agarose is GQT (Genetic Quality Tested) which ensures it is perfectly suited for preparative electrophoresis.
	AG2217- 250	250 g	
	AG2217- 500	500 g	
Agarose D-5	AG2245- 100	100 g	Agarose D-5 may be used for conventional electrophoresis but is especially recommended for electrophoresis in a pulsed electric field and immobilization of cells and enzymes. The very high strength of the gel allows pouring low percentage gels (e.g. 0.3%), enabling the separation of not only very large fragments of nucleic acids, including chromosomes but also particles of viruses or ribosomes. The mobility of DNA in the gel exceeds that obtained in gels made of low EEO agarose.
	AG2245- 250	250 g	
	AG2245- 500	500 g	
Agarose E	AG2232- 1000	1000 g	Agarose E is ideal for routine separation of DNA and RNA fragments as well as PCR products and it is best suited for the preparation of 0,75-2% gels. It is very effective in the separation of nucleic acid fractions from 250 bp to 23 Kb.
Agarose LM	AG2250- 50	50 g	Agarose LM has a lower melting and gelling temperatures when compared with standard agaroses. It is best suited for separating fragments of nucleic acids > 1000 bp. It is especially useful for the preparative electrophoresis and enzymatic processing of nucleic acids carried out "in-gel". Due to the melting temperature being lower than the denaturation temperature of most of the analyzed fragments, it facilitates the isolation of DNA fragments from the gel. It is suitable also for gel purification methods based on agarases.
	AG2250- 100	100 g	
	AG2250- 250	250 g	
	AG2250- 500	500 g	
Agarose LM Sieve	AG2292- 50	50 g	Agarose LM Sieve has a lower melting and gelling temperatures when compared with standard agaroses. It is best suited for separating fragments of nucleic acids < 1000 bp., ideally 200–800 bp. It is especially useful for the preparative electrophoresis and enzymatic processing of nucleic acids carried out "in-gel". Due to the melting temperature being lower than the denaturation temperature of most of the analyzed fragments, it facilitates the isolation of DNA fragments from the gel. It is suitable also for gel purification methods based on agarases. The low level of electroosmosis (EEO) results in well-defined, sharp bands after electrophoresis.
	AG2292- 100	100 g	
	AG2292- 250	250 g	
	AG2292- 500	500 g	
Agarose NOVAGEL GQT	AG2293- 50	50 g	Agarose NOVAGEL GQT agarose has a lower than usual melting point and high resolving capability, 50-1000 bp. It is especially useful for the preparative electrophoresis and enzymatic processing of nucleic acids carried out "in gel". Due to the melting temperature being lower than the denaturation temperature of most of the analyzed fragments, it facilitates the isolation of DNA fragments from the gel. The low viscosity of NOVAGEL agarose allows for pouring high percentage gels, up to 6% (recommended range: 3-6%). Caution should be exercised when handling lower percentage gels.
	AG2293- 100	100 g	
	AG2293- 250	250 g	
	AG2293- 500	500 g	

BioMaxima S.A. offers complete kits for tissue culture cultivation. DMEM, RPMI media, Hanks' salt solutions and others, in numerous modifications, also prepared according to the user's recipe. Transport media for swabs. Saline and PBS solutions, in bottles and tubes.

Cell culture media and buffers	Cat. No.	Pack size	Description
Dulbecco's Modified Eagle's Medium - high glucose	BTBM 001.01	6 x 100 ml	Contains 4500 mg / L glucose, L-glutamine, sodium pyruvate, sodium bicarbonate, sterile, for cell cultures.
	BTBM 001.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o S	BTBM 002.01	6 x 100 ml	Contains 4500 mg / L glucose, L-glutamine, sodium bicarbonate free, sterile, for cell cultures.
	BTBM 002.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o P	BTBM 003.01	6 x 100 ml	Contains 4500 mg / L glucose, L-glutamine and sodium bicarbonate, sodium pyruvate free, sterile, for cell cultures.
	BTBM 003.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o G	BTBM 004.01	6 x 100 ml	Contains 4500 mg / L glucose, sodium pyruvate, sodium bicarbonate, L-glutamine free, sterile, for cell cultures.
	BTBM 004.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o SB	BTBM 005.01	6 x 100 ml	Contains 4500 mg / L glucose, L-glutamine, sodium pyruvate, sodium bicarbonate free, sterile, for cell cultures.
	BTBM 005.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o GP	BTBM 006.01	6 x 100 ml	Contains 4500 mg / L glucose, sodium bicarbonate, free of L-glutamine and sodium pyruvate, sterile, for cell cultures., especially for hybridoma cell cultures.
	BTBM 006.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o GPC	BTBM 007.01	6 x 100 ml	Contains 4,500 mg / L glucose, sodium bicarbonate, L-glutamine, sodium pyruvate and phenol red free, sterile, for cell cultures.
	BTBM 007.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose w/o MCG	BTBM 008.01	6 x 100 ml	Contains 4500 mg / L glucose, sodium bicarbonate, free of L-methionine, L-cysteine, L-glutamine, sterile, for cell cultures.
	BTBM 008.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose HEPES Mod.	BTBM 009.01	6 x 100 ml	Contains 4500 mg / L glucose, 25mM HEPES, sodium bicarbonate, L-alanine, L-glutamine, sterile, for cell cultures.
	BTBM 009.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose HEPES Mod. w/o P	BTBM 010.01	6 x 100 ml	Contains 4500 mg / L glucose, 25 mM HEPES, L-glutamine, sodium bicarbonate, sodium pyruvate free, sterile, for cell cultures.
	BTBM 010.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - high glucose HEPES Mod. w/o SP	BTBM 011.01	6 x 100 ml	Contains 4500 mg / L glucose, 25 mM HEPES, L-glutamine, sodium bicarbonate free, pyruvate free, sterile, for cell cultures.
	BTBM 011.05	6 x 500 ml	

cont.

Media for mammalian cells (cont.)

Cell culture media and buffers	Cat. No.	Pack size	Description
Dulbecco's Modified Eagle's Medium - high glucose HEPES Mod. w/o GP	BTBM 012.01	6 x 100 ml	Contains 4500 mg / L glucose, 25 mM HEPES, sodium bicarbonate, free of L-glutamine and sodium pyruvate, sterile, for cell cultures.
	BTBM 012.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose	BTBM 013.01	6 x 100 ml	Contains 1000 mg / L glucose, L-glutamine, sodium bicarbonate, sterile, for cell cultures.
	BTBM 013.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose w/o S	BTBM 014.01	6 x 100 ml	Contains 1000 mg / L glucose, L-glutamine, sodium bicarbonate free, sterile, for cell cultures.
	BTBM 014.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose w/o CP	BTBM 015.01	6 x 100 ml	Contains 1000 mg / L glucose, L-glutamine, sodium bicarbonate, no phenol red, sterile, for cell cultures.
	BTBM 015.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose w/o G	BTBM 016.01	6 x 100 ml	Contains 1000 mg / L glucose, sodium bicarbonate, L-glutamine free, sterile, for cell cultures.
	BTBM 016.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose w/o GPC	BTBM 017.01	6 x 100 ml	Contains 1000 mg / L glucose, sodium bicarbonate, L-glutamine free, phenol red free, sterile, for cell cultures.
	BTBM 017.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose w/o SC	BTBM 018.01	6 x 100 ml	Contains 1000 mg / L glucose, L-glutamine, sodium bicarbonate free, phenol red free, sterile, for cell cultures.
	BTBM 018.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose 10x conc. w/o GSF	BTBM 019.01	6 x 100 ml	10 fold concentrated DMEM contains 1000 mg / L glucose (1x), L-glutamine, sodium bicarbonate, folic acid free, sterile, for cell cultures.
	BTBM 019.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - low glucose ISOTOP	BTBM 020.01	6 x 100 ml	DMEM contains 1000 mg / L glucose, sterile, medium designed for isotope cell culture studies.
	BTBM 020.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - w/o Glucose	BTBM 021.01	6 x 100 ml	DMEM is glucose, L-glutamine, phenol red, sodium pyruvate and sodium bicarbonate free, sterile, for cell cultures.
	BTBM 021.05	6 x 500 ml	
Dulbecco's Modified Eagle's Medium - w/o GPR	BTBM 024.01	6 x 100 ml	Contains 4500 mg / L glucose, sodium bicarbonate, sodium pyruvate, free of L-glutamine, free of phenol red, sterile, for cell cultures.
	BTBM 024.05	6 x 500 ml	

cont.

Media for mammalian cells (cont.)

Cell culture media and buffers	Cat. No.	Pack size	Description
Hank's Balanced Salt Solution (HBSS) w/o Ca ²⁺ ; Mg ²⁺ w/o Phenol Red	BT 5348.01	100 ml	Hanks' Balanced Salt solution, modified, without Ca ²⁺ , Mg ²⁺ and without phenol red. Suitable for cell culture media, filter sterilized.+
	BT 5348.02	200 ml	
	BT 5348.05	500 ml	
Hank's Balanced Salt Solution (HBSS) w/o Ca ²⁺ ; Mg ²⁺ with Phenol Red	BT 5349.01	100 ml	Hanks' Balanced Salt solution, modified, without Ca ²⁺ , Mg ²⁺ with phenol red. Suitable for cell culture media, filter sterilized.
	BT 5349.02	200 ml	
	BT 5349.05	500 ml	
Hank's Balanced Salt Solution (HBSS) with ions Ca ²⁺ ; Mg ²⁺ w/o Phenol Red	BT 5350.01	100 ml	Hanks' Balanced Salt solution, modified, with Ca ²⁺ Mg ²⁺ ions, without phenol red. Suitable for cell culture media, filter sterilized.
	BT 5350.02	200 ml	
	BT 5350.05	500 ml	
Hank's Balanced Salt Solution (HBSS) with ions Ca ²⁺ ; Mg ²⁺ w/o Phenol Red with lactoalbumin	BT 5351.01	100 ml	Hanks' Balanced Salt solution, modified, with Ca ²⁺ Mg ²⁺ ions, without phenol red, with lactoalbumin. Suitable for cell culture media, filter sterilized.
	BT 5351.02	200 ml	
	BT 5351.05	500 ml	
Hank's Balanced Salt Solution (HBSS) with ions Ca ²⁺ ; Mg ²⁺ with Phenol Red	BT 5352.01	100 ml	Hanks' Balanced Salt solution, modified, with Ca ²⁺ Mg ²⁺ ions and phenol red. Suitable for cell culture media, filter sterilized.
	BT 5352.02	200 ml	
	BT 5352.05	500 ml	
Hank's Balanced Salt Solution (HBSS) with ions Ca ²⁺ ; Mg ²⁺ with Phenol Red with lactoalbumin	BT 5357.01	100 ml	Hanks' Balanced Salt solution, modified, with Ca ²⁺ Mg ²⁺ ions, phenol red and lactoalbumin. Suitable for cell culture media, filter sterilized.
	BT 5357.02	200 ml	
	BT 5357.05	500 ml	
Hanks liquid with the addition of 0.5% lactalbumin hydrolyzate and NaHCO ₃	BTBM 022.01	100 ml	Hanks' Balanced Salt solution, modified, with lactoalbumin and NaHCO ₃ . Suitable for cell culture media, filter sterilized.
	BTBM 022.05	500 ml	
Phosphate Buffered Saline (PBS) w/o ions Ca ²⁺ ; Mg ²⁺	BT 5105.01	100 ml	Phosphate Buffered Saline, suitable for cell cultures, filter sterilized.
	BT 5105.02	200 ml	
	BT 5105.05	500 ml	
Phosphate Buffered Saline (PBS) with ions Ca ²⁺ ; Mg ²⁺	BT 5290.01	100 ml	Phosphate Buffered Saline, modified, with Ca ²⁺ Mg ²⁺ ions, suitable for cell cultures, filter sterilized.
	BT 5290.02	200 ml	
	BT 5290.05	500 ml	
RPMI 1640 + NaHCO ₃ + L-Glutamine + Phenol red	BT 5295.01	100 ml	Medium for mammalian cell cultures.
	BT 5295.02	200 ml	
	BT 5295.05	500 ml	
Transport media, pre-prepared in tubes	Cat. No.	Pack size	Description
Phosphate Buffered Saline (PBS) w/o ions Ca ²⁺ ; Mg ²⁺	PW 3352	50 x 3 ml	PBS buffer, for the transport of swab samples, pre-prepared in plastic or glass tubes.
	PW 3352S	50 x 3 ml (glass tubes)	
Viral Transport Medium (VTM)	PW 3357	50 x 1,5 ml	Viral Transport Medium (VTM), non-inactivating, liquid medium pre-prepared in plastic tubes for the transport of swab samples.
	PW 3356	50 x 3 ml	



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