2018

Product List

/ BLIRT S.A. /

blirt

DNA & RNA ISOLATION KITS

Product Name	Pack Size	Cat. No.	Description
GENOMIC DNA ISOLATION KITS			
EXTRACTME **GENOMIC DNA KIT** universal	10 preps	EM13-010	Purification of genomic, mitochondrial, bacterial, parasite or viral DNA from solid tissues, physiological fluids (urine, cerebrospinal fluid, peritoneal fluid, pleural fluid, sputum), fresh and frozen blood, mucosa membrane swabs (including buccal, nasal, pharyngeal and vaginal swabs), semen, hair, rodent tails, insects, bacteria, yeast and cell cultures.
	50 preps	EM13-050	
	250 preps	EM13-250	
EXTRACTME **GENOMIC DNA 96-WELL KIT**	2 x 96 preps	EM33-192	Universal kit for genomic DNA extraction from variety of samples (tissue, cell lines, bacteria, yeast, blood, plasma, serum, swabs, other body fluids etc.) in 96-well plates format.
	10 x 96 preps	EM33-960	
EXTRACTME **GENOMIC DNA MICRO SPIN KIT**	10 preps	EM29-010	Purification and concentration of genomic DNA from solid tissues, physiological fluids, fresh and frozen blood, mucosa membrane swabs, semen, hair, rodent tails, insects, bacteria, yeast and cell cultures in a micro-spin column format (elution volume from 5 µl).
	50 preps	EM29-050	
	250 preps	EM29-250	
EXTRACTME **DNA BACTERIA KIT**	10 preps	EM02-010	Rapid and efficient purification of high quality bacterial gDNA from broth and plate cultures as well as frozen cells.
	50 preps	EM02-050	
	250 preps	EM02-250	
EXTRACTME **DNA TISSUE KIT**	10 preps	EM03-010	Purification of high quality DNA from solid tissues (fresh, frozen, formalin-preserved or paraffin-embedded), physiological fluids, hair, rodent tails, insects and cell cultures.
	50 preps	EM03-050	
	250 preps	EM03-250	
EXTRACTME **DNA TISSUE PLUS KIT**	10 preps	EM04-010	Purification of high quality DNA from solid tissues (fresh, frozen, formalin-preserved or paraffin-embedded), hair, rodent tails, insects and cell cultures. The kit includes additional bead-beating tubes with ceramic filling for tissue homogenization.
	50 preps	EM04-050	
	250 preps	EM04-250	
EXTRACTME **DNA BLOOD KIT**	10 preps	EM05-010	Purification of high quality (genomic, mitochondrial and viral) DNA from whole blood (fresh or frozen, human or other mammalian), plasma, serum, buffy coats, lymphocytes and body fluids.
	50 preps	EM05-050	
	250 preps	EM05-250	

EXTRACTME **DNA SWAB & SEMEN KIT**	10 preps	EM06-010	Purification of high quality DNA from human and animal mucosa membrane swabs (including buccal, nasal, pharyngeal and vaginal swabs) as well as from semen.
	50 preps	EM06-050	
	250 preps	EM06-250	
EXTRACTME **DNA YEAST KIT**	10 preps	EM10-010	Rapid and efficient purification of high quality DNA from broth and plate yeast cultures as well as frozen cells. The kit contains enzyme mix for efficient yeast cell lysis.
	50 preps	EM10-050	
	250 preps	EM10-250	

RNA ISOLATION KITS

EXTRACTME **TOTAL RNA KIT** IMPROVED VERSION!	10 preps	EM09.1-010	New, significantly improved kit for rapid, efficient purification of high quality total RNA from up to 30 mg of tissue (fresh or frozen), or up to 10^7 cultured cells. RNA binding capacity: ~230 µg. Significantly improved RNA yields and shortened processing time. Anti-Foam agent and lyophilized DNase I are also included!
	50 preps	EM09.1-050	
	250 preps	EM09.1-250	
EXTRACTME **TOTAL RNA PLUS KIT** IMPROVED VERSION!	10 preps	EM11.1-010	New, significantly improved kit for rapid, efficient purification of high quality total RNA from up to 30 mg of tissue (fresh or frozen), or up to 10^7 cultured cells. RNA binding capacity: ~230 µg. Significantly improved RNA yields and shortened processing time. This kit includes ceramic beads system for gentle tissue homogenization. Anti-Foam agent and lyophilized DNase I are also included!
	50 preps	EM11.1-050	
	250 preps	EM11.1-250	
EXTRACTME **miRNA KIT**	10 preps	EM12-010	For unbiased, rapid, phenol-free extraction of RNA highly enriched in short RNA strands (< 200 nt). Superior yields and purity. Suitable for wide range of cells, tissues (including blood). This kit also allows parallel extraction of high quality long RNA strands (> 200 nt) from the same sample. The kit contains three columns: first one for DNA removal, second one for purification of long RNA, and third one for purification of short RNA.
	50 preps	EM12-050	
	250 preps	EM12-250	
EXTRACTME **TOTAL RNA 96-WELL KIT**	2x 96 preps	EM14-192	High-throughput purification of high quality RNA from tissue and cell cultures in 96-well plates format; up to 35 µg RNA per well; 45 minutes per plate after lysis. Phenol-free method.
	10x 96 preps	EM14-960	
NEW ***EXTRACTME*** **RNA & DNA KIT**	10 preps	EM15-010	Rapid, simultaneous isolation of high quality genomic DNA and total RNA from a single biological sample, from up to 30 mg of tissue or up to 10^7 cultured cells. This kit is ideal for researchers interested in studying the genome and the transcriptome of a single sample.
	50 preps	EM15-050	
	250 preps	EM15-250	
EXTRACTME **RNA BACTERIA & YEAST KIT**	10 preps	EM25-010	Purification of high quality RNA from broth, yeast or bacteria cultures as well as from frozen cells; Yeast Lysis Mix, RNA Extraction Enhancer, Lysozyme and DNase I are included; up to 60 µg RNA.
	50 preps	EM25-050	
	250 preps	EM25-250	

NEW *EXTRACTME* TOTAL RNA MICRO SPIN KIT	10 preps	EM31-010	Rapid and efficient purification and concentration of high quality RNA from tissue or cultured cells in a micro-spin column format (elution volume from 5 µl). Lyophilized DNase I is included.
	50 preps	EM31-050	
	250 preps	EM31-250	
EXTRAZOL	100 ml	EM30-100	Ready-to-use reagent for the isolation of separate fractions of RNA, DNA and proteins from cell and tissue samples of human, animal, plant, yeast, or bacterial origin, within one hour.
	200 ml	EM30-200	
Bead-beating Tubes with ceramic filling	100 pcs	HPLM100	2 ml bead-beating tubes with 1 g ceramic filling (1.4 mm) for soft tissue homogenization; Lysing Matrix D equivalent.
	500 pcs	HPLM500	

PLASMID DNA ISOLATION KITS

EXTRACTME PLASMID MINI KIT IMPROVED VERSION!	10 preps	EM01.1-010	Mini-scale extraction of plasmid DNA from recombinant *Escherichia coli* strains; binding capacity 60 µg pDNA.
	50 preps	EM01.1-050	
	250 preps	EM01.1-250	
EXTRACTME PLASMID DNA 96-WELL KIT	2x 96 preps	EM21-192	High-throughput and efficient purification of high quality plasmid DNA from recombinant *Escherichia coli* strains in 96-well plates format. The isolation protocol and buffer formulations were optimized for high isolation efficiency and DNA purity.
	10x 96 preps	EM21-960	
EXTRACTME PLASMID MIDI KIT	10 preps	EM16-010	Ultrapure, transfection-grade plasmid DNA isolation in medium scale (50-300 ml of bacterial culture); yield: 200-600 µg DNA from 100 ml culture; isolation time: 120-130 minutes (with DNA precipitation); centrifugation steps: 6000 x g (no need to have ultracentrifuge).
	25 preps	EM16-025	
EXTRACTME PLASMID MIDI ENDOTOXIN-FREE KIT	10 preps	EM17-010	Ultrapure, transfection-grade plasmid DNA isolation in medium scale (50-300 ml of bacterial culture); yield: 200-600 µg DNA from 100 ml culture; endotoxins removal: <0.1 EU/µg verified by LAL; isolation time: 150-160 minutes (with DNA precipitation); centrifugation steps: 6000 x g.
	25 preps	EM17-025	
EXTRACTME PLASMID MAXI KIT	10 preps	EM18-010	Ultrapure, transfection-grade plasmid DNA isolation in large scale (200-1000 ml of bacterial culture); yield: 1-1.5 mg DNA from 400 ml culture; isolation time: 140-150 minutes (with DNA precipitation); centrifugation steps: 6000 x g (no need to have ultracentrifuge).
	25 preps	EM18-025	
EXTRACTME PLASMID MAXI ENDOTOXIN-FREE KIT	10 preps	EM19-010	Ultrapure, transfection-grade plasmid DNA isolation in large scale (200-1000 ml of bacterial culture); yield: 1-1.5 mg DNA from 400 ml culture; endotoxins removal: <0.1 EU/µg verified by LAL; isolation time: 170-180 minutes (with DNA precipitation); centrifugation steps: 6000 x g (no need to have ultracentrifuge).
	25 preps	EM19-025	

***EXTRACTME* PLASMID DNA 96-WELL Filter plates**	2 plates	EM23-192	Additional (alternative) filtration plates for *EXTRACTME* PLASMID DNA 96-WELL kits (EM21 & EM21A).
	10 plates	EM23-960	
FILTRATION COLUMNS	10 columns	EM20-010	Additional (alternative) filtration columns for *EXTRACTME* PLASMID MIDI kits (EM16 & EM17).
	25 columns	EM20-025	

DNA FRAGMENTS PURIFICATION KITS

***EXTRACTME* DNA CLEAN-UP KIT** IMPROVED VERSION!	10 preps	EM07.1-010	New upgraded kit for DNA purification after enzymatic reactions; the kit enables the purification of DNA fragments from 50 bp to 20 kb, as well as plasmid and genomic DNA; significall improved recovery: up to 99% (depending on DNA fragment length); binding capacity: approx. 40 µg DNA; time required: 10 min for 6 PCR purifications. Suitable for NGS.
	50 preps	EM07.1-050	
	250 preps	EM07.1-250	
***EXTRACTME* DNA CLEAN-UP 96-WELL KIT**	2x 96 preps	EM22-192	High-throughput DNA purification after enzymatic reactions in 96-well plates format; 40 minutes per plate. The kit contains extended protocols for vacuum manifold and centrifuge.
	10x 96 preps	EM22-960	
***EXTRACTME* DNA GEL-OUT KIT**	10 preps	EM08-10	Purification of DNA fragments directly from agarose gels (standard and low-melting point agarose gels run in either a TAE or TBE buffer).
	50 preps	EM08-050	
	250 preps	EM08-250	
***EXTRACTME* DNA CLEAN-UP & GEL-OUT KIT**	10 preps	EM26-10	DNA purification after enzymatic reactions & DNA fragments isolation directly from agarose gels – two options in one kit.
	50 preps	EM26-050	
	250 preps	EM26-250	
***EXTRACTME* DNA CLEAN-UP & GEL-OUT MICRO SPIN KIT**	10 preps	EM28-010	Rapid and efficient purification and concentration of DNA fragments after enzymatic reactions and directly from agarose gels with low elution volume of only 5 µl. Suitable for NGS.
	50 preps	EM28-050	
	250 preps	EM28-250	

REAL-TIME PCR MASTER MIXES

Product Name	Pack Size	Cat. No.	Description
NEW *AMPLIFYME* SYBR No-ROX Mix	200 rxns	AM01-020	The AMPLIFYME SYBR Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR, using SYBR® Green dsDNA-binding dye. Compatible with qPCR instruments that don't need ROX dye.
	2000 rxns	AM01-200	
NEW *AMPLIFYME* SYBR Universal Mix	200 rxns	AM02-020	The AMPLIFYME SYBR Mix is a convenient enzyme mixture for fast and reliable quantitative Real-Time PCR, using SYBR® Green dsDNA-binding dye. Universal - compatible with all types of qPCR instruments. Additional tubes with low and high concentration of ROX are included.
	2000 rxns	AM02-200	
NEW *AMPLIFYME* Probe No-ROX Mix	200 rxns	AM04-020	Convenient enzyme mixture for fast and reliable qPCR using probes, including TaqMan®, Scorpions® and molecular beacon probes. It is the best choice for your probe based Real-Time PCR assays, including singleplex and multiplex gene expression studies, genotyping experiments or diagnostic assays. Compatible with qPCR instruments that don't need ROX dye.
	2000 rxns	AM04-200	
NEW *AMPLIFYME* Probe Universal Mix	200 rxns	AM05-020	Convenient enzyme mixture for fast and reliable qPCR using probes, including TaqMan®, Scorpions® and molecular beacon probes. It is the best choice for your probe based Real-Time PCR assays, including singleplex and multiplex gene expression studies, genotyping experiments or diagnostic assays. Universal - compatible with all types of qPCR instruments. Additional tubes with low and high concentration of ROX are included.
	2000 rxns	AM05-200	

PCR REAGENTS

Product Name	Pack Size	Cat. No.	Description
Thermostable DNA polymerases from *Thermus aquaticus* (*TAQ* POLYMERASES)			
***TaqNova* DNA Polymerase**	200 U (2 U/µl or 5 U/µl)	RP702 RP702A	*Taq* DNA Polymerase suited to a wide range of applications, fast and very efficient; universal and easy-to-use; half-life of the enzyme is 45 minutes at 95°C; shows 5'-3' exonuclease activity; does not have 3'-5' exonuclease activity; adds A on the 3' ends.
	500 U (2 U/µl or 5 U/µl)	RP705 RP705A	
	1000 U (2 U/µl or 5 U/µl)	RP710 RP710A	
	2500 U (2 U/µl or 5 U/µl)	RP725 RP725A	
***TaqNova*-RED DNA Polymerase**	200 U (1 U/µl)	RP20R	*TaqNova* polymerase with an inert red dye for a direct gel loading, that also facilitates accurate low volume pipetting and is an indicator of an enzyme addition.
	1000 U (1 U/µl)	RP100R	
2x PCR *TaqNova*-RED	100 rxns (50 µl)	RP85T	2x concentrated, ready-to-use PCR master mix with *TaqNova* polymerase, that facilitates an easy and rapid PCR reaction set-up.
	1000 rxns (50 µl)	RP85T-10	
***TaqNovaGC* DNA Polymerase**	200 U (5 U/µl)	RP73-020	*Taq* DNA Polymerase ideal for amplification on GC-rich templates; ideal for problematic templates, that fail with standard *Taq* DNA polymerases.
	1000 U (5 U/µl)	RP73-100	
***TaqNovaHS* DNA Polymerase**	200 U (2 U/µl or 5 U/µl)	RP902 RP902A	Mixture of thermostable *Taq* DNA polymerase and a highly specific monoclonal antibody, that acts as an inhibitor of the polymerization activity (for Hot-Start PCR technique); high PCR specificity with minimal optimization; fast 3-minute enzyme activation time; very efficient.
	500 U (2 U/µl or 5 U/µl)	RP905 RP905A	
	1000 U (2 U/µl or 5 U/µl)	RP910 RP910A	
	2500 U (2 U/µl or 5 U/µl)	RP925 RP925A	
2x PCR *TaqNovaHS*	100 rxns (50 µl)	RP90H	2x concentrated, ready-to-use PCR master mix with *TaqNovaHS* (*Hot-Start*) polymerase, that facilitates an easy and rapid PCR reaction set-up; without red dye.
	1000 rxns (50 µl)	RP90H-10	

Proofreading Polymerases and related products

***Hypernova* DNA Polymerase**	200 U (2 U/µl)	RP232	Unique blend of a modified highly thermostable and proofreading DNA polymerase *Pwo* isolated from *Pyrococcus woesei* and enzymes increasing yield and performance of the PCR reaction; can generate long amplicons (over 10 kb).
	1000 U (2 U/µl)	RP235	
***Hypernova*-RED DNA Polymerase**	200 U (1 U/µl)	RP232R	*Hypernova* polymerase with an inert red dye for a direct gel loading, that also facilitates accurate low volume pipetting and is an indicator of an enzyme addition.
	1000 U (1 U/µl)	RP235R	
2x PCR *Hypernova*-RED	100 rxns (50 µl)	RP85	2x concentrated, ready-to-use PCR master mix with *Hypernova* polymerase, that facilitates an easy and rapid PCR reaction set-up.
	1000 rxns (50 µl)	RP85-10	

PCR ENHANCERS

PCR Anty-inhibitor	100 rxns	RP50	PCR additive used for elimination of PCR inhibitors coextracted with the DNA; amplification of problematic templates, isolated from: urine, stool, saliva, sputum, blood, swabs, biopsy materials etc.
	500 rxns	RP51	
5x GC Additive	1 ml	RP516	PCR additive for GC-rich templates; reduces quantity of secondary structures and enables a specific hybridization of primers.
	5x 1 ml	RP517	

DEOXYRIBONUCLEOTIDES (dNTPs)
ultra-pure, shelf-life of 24 months at -20°C, supplied as lithium salts

dNTPs MIX 8 mM Total	1 ml	RP61	Deoxyribonucleotides Mix (2 mM dATP, 2 mM dCTP, 2 mM dGTP, 2 mM dTTP); ultra-pure; supplied as lithium salts (greater stability).
dNTPs MIX 10 mM Total	1 ml	RP63	Deoxyribonucleotides Mix (2,5 mM dATP, 2,5 mM dCTP, 2,5 mM dGTP, 2,5 mM dTTP); ultra-pure; supplied as lithium salts (greater stability).
dNTPs MIX 40 mM Total	1 ml	RP64	Deoxyribonucleotides Mix (10 mM dATP, 10 mM dCTP, 10 mM dGTP, 10 mM dTTP); ultra-pure; supplied as lithium salts (greater stability).
dNTPs MIX 100 mM Total	1 ml	RP65	Deoxyribonucleotides Mix (25 mM dATP, 25 mM dCTP, 25 mM dGTP, 25 mM dTTP); ultra-pure; supplied as lithium salts (greater stability).
dNTPs SET 10 mM	4x 1 ml	RP665	10 mM of each dNTP in separate tubes; ultra-pure; supplied as lithium salts (greater stability).
dNTPs SET 100 mM	4x 1 ml	RP675	100 mM of each dNTP in separate tubes; ultra-pure; supplied as lithium salts (greater stability).

REVERSE TRANSCRIPTION

Product Name	Pack Size	Cat. No.	Description
***TRANSCRIPT**ME* RNA KIT cDNA synthesis kit	20 rxns	RT31-020	10 pg – 5 µg of total RNA; optimal reaction temp. 50°C; contains Enzyme Mix (reverse transcriptase and RNase inhibitor); 2x Master Mix (oligo(dT) primers, random hexamers, dNTPs, $MgCl_2$) and RNase H.
	100 rxns	RT31-100	
***TRANSCRIPT**ME* M-MuLV Reverse Transcriptase	10 000 U (200 U/µl)	RT32-010	Modified M-MuLV Reverse Transcriptase; 10 pg – 5 µg of total RNA; concentration 200 U/µl; has increased thermal stability (optimum activity at 50°C); has no 3'-5' exonuclease or RNase H activity, which improves the synthesis of a full-length cDNA, even from long mRNA templates, using random priming; gives high yields of first strand cDNA up to 10 kb long.
	50 000 U (200 U/µl)	RT32-050	
RNase H	250 U (5 U/µl)	RT34-025	Recombinant enzyme, which hydrolyses specifically the phosphodiester bonds of RNA hybridized to DNA; it is a key enzyme in the removal of mRNA after first-strand cDNA synthesis.
	1250 U (5 U/µl)	RT34-125	
NEW ***RIBO**PROTECT* Hu RNase Inhibitor	2000 U (40 U/µl)	RT35-020	Recombinant human placental RNase inhibitor expressed in *E. coli* strain.
	10 000 U (40 U/µl)	RT35-100	
NEW ***RIBO**PROTECT* Hu-Mut RNase Inhibitor	2000 U (40 U/µl)	RT36-020	Mutated version of human placental RNase inhibitor that has significantly improved resistance to oxidation.
	10 000 U (40 U/µl)	RT36-100	

ENZYMES & PROTEINS

Product Name	Pack Size	Cat. No.	Description
T4 DNA Ligase	500 U	EN11-050	ATP-dependent recombinant enzyme used for molecular cloning, site-directed mutagenesis, nick repair in duplex DNA, RNA or DNA/RNA hybrids, Ligation Mediated PCR; concentration 5 U/µl.
	2500 U	EN11-250	
Quick Ligase	50 rxns	EN12-050	ATP-dependent recombinant T4 DNA ligase for efficient ligation of DNA fragments with compatible cohesive or blunt ends in 5 and 15 minutes respectively.
	150 rxns	EN12-150	
NEW **Tth DNA Ligase**	250 U (5 U/µl)	EN13-025	NAD-dependent recombinant ligase from *Thermus thermophilus*. The ligation will occur only if oligonucleotides are perfectly paired to the complementary target DNA and have no gaps between them. Therefore, a single-base substitution can be detected. High thermostability allows ligation using high-stringency hybridization conditions. High specificity and stringency permits sensitive detection of SNPs. Equivalent of Ampligase® (Epicentre).
	2500 U (5 U/µl)	EN13-250	
Proteinase K	100 mg	RP100B	Recombinant Proteinase K from *Tritirachium* album expressed in *Pichia pastoris* is a broad spectrum serine protease. Our recombinant Proteinase K is extensively purified to give highly active preparation devoid of any detectable nuclease activities. It is fully active under denaturing conditions (e.g. in the presence of urea and/or SDS), what makes it ideal for digesting proteins in variety of applications.
	250 mg	RP101B	
	1000 mg	RP102B	
UDGase	500 U	EN19-050	Uracil DNA Glycosylase (UDG) catalyzes the release of uracil from uracil-containing single-stranded or double-stranded DNA, but not from RNA or oligonucleotides. Widely used to control carry-over contamination in PCR. Concentration 1 U/µl.
	2500 U	EN19-250	
NEW **phi29 DNA Polymerase**	1000 U (10 U/µl)	EN20-10	Very processive polymerase (up to 70 kb) with strong strand displacement activity, which allows for highly efficient isothermal DNA amplification; possesses a 3'→5' exonuclease (proofreading) activity acting preferentially on ssDNA or RNA, therefore 3'-modified primers are recommended.
	5000 U (10 U/µl)	EN20-50	
RNase A (DNase-free)	50 mg	RP145	The Ribonuclease A (RNase A) is a 13.7 kDa (monomer) endoribonuclease isolated from bovine pancreas, which selectively cleaves single-stranded RNA 3' next to pyrimidine residues (cytosine, uracil). The RNase A is used to remove RNA during the isolation procedures of plasmid and genomic DNA. The enzyme is very active under a wide range of reaction conditions and difficult to inactivate.
	500 mg	RP147	

***TRANSCRIPT**ME* M-MuLV Reverse Transcriptase	10 000 U (200 U/µl)	RT32-010	Modified M-MuLV Reverse Transcriptase; 10 pg – 5 µg of total RNA; concentration 200 U/µl; has increased thermal stability (optimum activity at 50°C); has no 3'-5' exonuclease or RNase H activity, which improves the synthesis of a full-length cDNA, even from long mRNA templates, using random priming; gives high yields of first strand cDNA up to 10 kb long.
	50 000 U (200 U/µl)	RT32-050	
RNase H	250 U (5 U/µl)	RT34-025	Recombinant enzyme, which hydrolyses specifically the phosphodiester bonds of RNA hybridized to DNA; it is a key enzyme in the removal of mRNA after first-strand cDNA synthesis.
	1250 U (5 U/µl)	RT34-125	
NEW ***RIBO**PROTECT* Hu RNase Inhibitor	2000 U (40 U/µl)	RT35-020	Recombinant human placental RNase inhibitor expressed in *E. coli* strain.
	10 000 U (40 U/µl)	RT35-100	
NEW ***RIBO**PROTECT* Hu-Mut RNase Inhibitor	2000 U (40 U/µl)	RT36-020	Mutated version of human placental RNase inhibitor that has significantly improved resistance to oxidation.
	10 000 U (40 U/µl)	RT36-100	
BSA (Bovine Serum Albumin)	10 g	EN17-010	A highly pure Albumin (Fraction V) recommended for a variety of applications where quality is required; purity >98%; Heavy Metals (Pb) <0.001%; free of nucleases and proteases; soluble in water; pH (5% in water at 25°C) 6.5-7.5.
	100 g	EN17-100	

ELECTROPHORESIS

Product Name	Pack Size	Cat. No.	Description
AGAROSES			
Agarose LE Standard	100 g	AG41-010	For the routine gel electrophoresis of a wide range of DNA fragments (100 – 25.000 bp).
	500 g	AG41-050	
Agarose LE Tablets	50 tablets	AG45-005	Accurately preweighed 0.5 g tablets of Agarose LE in a convenient blister pack.
	200 tablets	AG45-020	
Agarose HR High resolution	50 g	AG42-005	Agarose suitable for separation of small DNA fragments between 20-800 bp.
	100 g	AG42-010	
Agarose LM Low Melting	50 g	AG43-005	Agarose for preparative electrophoresis and the recovery of DNA and RNA.
DNA LADDERS			
NEW **M50-1500 FAST DNA Ladder** *ready-to-use*	50-100 lanes	MR27	50, 200, 400, 800, 1500 bp
M100-500 DNA Ladder	50-100 lanes	MR71	100-500 bp
M100-500 DNA Ladder *ready-to-use*	50-100 lanes	MR75	100-500 bp
M100-1000 DNA Ladder	50-100 lanes	MR61	100-1000 bp
M100-1000 DNA Ladder *ready-to-use*	50-100 lanes	MR65	100-1000 bp
M600-1000 DNA Ladder	50-100 lanes	MR81	600-1000 bp
M600-1000 DNA Ladder *ready-to-use*	50-100 lanes	MR85	600-1000 bp
M100-3000 DNA Ladder	50-100 lanes	MR17	100-3000 bp
M100-3000 DNA Ladder *ready-to-use*	50-100 lanes	MR171	100-3000 bp

M10kpz DNA Ladder *ready-to-use*	50-100 lanes	MR18	200-10000 bp
M50pz DNA Ladder	50-100 lanes	MR20	50-1000 bp
M50pz DNA Ladder *ready-to-use*	50-100 lanes	MR201	50-1000 bp
IDEAL II DNA Ladder	50-100 lanes	MR22	700-9200 bp
IDEAL II DNA Ladder *ready-to-use*	50-100 lanes	MR25	700-9200 bp

PROTEIN LADDERS

3-Colour Prestained Protein Marker (10-245 kDa)	500 µl	PM30-500	Three colour prestained protein marker with 12 lanes in range of 10-245 kDa.
3-Colour Prestained Protein Marker II (10-180 kDa)	500 µl	PM31-500	Three colour prestained protein marker with 10 lanes in range of 10-180 kDa.
Blue Prestained Protein Marker (10-180 kDa)	500 µl	PM32-500	Blue prestained protein marker with 10 lanes in range of 10-245 kDa.

DNA GEL LOADING BUFFERS

6x GREEN	1 ml	AG18	DNA Gel Loading Dye is pre-mixed loading buffer with a tracking dye for agarose and non-denaturing poylacrylamide gel electrophoresis.
6x BLUE	1 ml	AG16	
6x ORANGE	1 ml	AG17	
6x VIOLET	1 ml	AG15	

EDUCATIONAL KITS

Product Name	Pack Size	Cat. No.	Description
EDU KITS – PCR TECHNIQUE			
***Easy*PCR I**	1 lab class (6 sets)	DY45	Educational kit for optiomalization of a PCR reaction.
	5 lab classes (6 sets)	DY455	
***Easy*PCR XY**	1 lab class (6 sets)	DY10A	Educational kit for human sex determination with the use of PCR.
	5 lab classes (6 sets)	DY105A	
***Easy*PCR XY + DNA isolation**	1 lab class (6 sets)	DY10	Educational kit for DNA isolation and human sex determination.
	5 lab classes (6 sets)	DY105	
***Easy*PCR HIV**	1 lab class (6 sets)	DY25A	Educational kit for determination of HIV resistance by PCR reaction.
	5 lab classes (6 sets)	DY255A	
***Easy*PCR HIV + DNA isolation**	1 lab class (6 sets)	DY25	Educational kit for DNA isolation and determination of HIV resistance by PCR reaction.
	5 lab classes (6 sets)	DY255	
EDU KITS – GENOTYPING			
***Easy*Genotyping PCR-RFLP**	1 lab class (6 sets)	DY87	Educational kit for bacterial strain genotyping with the use of PCR-RFLP technique.
	5 lab classes (6 sets)	DY875	
***Easy*Genotyping ITS PCR**	1 lab class (6 sets)	DY62	Educational kit for bacterial strain genotyping with the use of ribotyping technique.
	5 lab classes (6 sets)	DY625	

MARKETING EQUIPMENT

Product Name	Pack Size	Description
Roll-up banner	1 pc	roll-up with Distributor's and BLIRT logo
Marketing gadgets with Blirt logo	1 pc	pens, bike seat cover, ice scrapers, wine opener set

BLIRT S.A.

Trzy Lipy 3/1.38 | 80-172 Gdansk | Poland

www.blirt.eu | orders@blirt.eu

T: +48 58 739 61 50 | F: +48 58 739 61 51