

1. PCR Reagents

Type of product	Description (short)	Size
Endpoint PCR	VitaTaq® DNA Polymerase is a thermostable DNA Polymerase that synthesizes DNA from single stranded templates. The enzyme has a 5'-3' polymerase activity and low 5'-3' exonuclease activity.	500 units
		1000 units
		5000 units
Endpoint PCR	2X HS Mastermix Clear is a convenient 2X Mastermix formulation of VitaTaq® DNA Polymerase for fast and easy reaction setup and high reproducibility in standardized applications. It contains enzyme, an optimized buffer and dNTPs, all there is to add is primer and template.	2 ml
		5 ml
		10 ml
Endpoint PCR	2X HS Mastermix Gold is a convenient 2X Mastermix formulation of VitaTaq® DNA Polymerase for fast and easy reaction setup and high reproducibility in standardized applications.	2 ml
		5 ml
		10 ml
Endpoint PCR	VitaTaq® HS Multiplex Kit is a convenient multiplex formulation of VitaTaq® DNA Polymerase optimized for applications with multiple primer pairs in one reaction.	100 rxn/50 µl
		200 rxn/50 µl
		500 rxn/50µl
Endpoint PCR	Vita LongRange Kit offers a flexible option for the efficient amplification of targets up to 15 kb. The enzyme mix combines the best features of VitaTaq® and VitaProof®: short extension times of 30 seconds / kb and high yields combined with the increased fidelity by VitaProofs® exonuclease activity.	100 rxn/50 µl
		200 rxn/50 µl
		500 rxn/50µl
Endpoint PCR	VitaProof® is a high-fidelity DNA polymerase that exhibits a 3'-5' exonuclease activity. This feature allows the removal of falsely incorporated nucleotides making VitaProof® the ideal choice for applications that require an elevated level of fidelity.	250 units
		500 units
		2500 units
Endpoint PCR	dNTPs are an essential component of every PCR reaction. dATP, dTTP, dCTP and dGTP are supplied in a convenient ready-to-solution with 10 mM of each nucleotide that can be used directly for most PCR protocols without further dilution.	0,5 ml
		1 ml
		2,5 ml
Endpoint PCR	Vita Plant Kit is a convenient 2X mastermix formulation optimized for the challenging analysis of plant derived samples. The formulation is optimized to intercept plant-derived inhibitors and allows for amplification from purified DNA, crude extracts or plant material directly.	2 ml
		5 ml
Endpoint PCR	Vita High Fidelity Kit provides a flexible and efficient solution for PCR applications that require a high level of fidelity. The kit provides highly efficient amplification (even for templates with up to 65% GC content) and high yields while being > 20 times more accurate than Taq Polymerase. Vita High Fidelity Kit comes with 150 / 300 µl PCR-grade dNTPs (10 mM each).	100 rxn/50 µl
		200 rxn/50 µl
Endpoint PCR	HotStart Antibody is a highly pure antibody that binds to Taq DNA Polymerase and thereby blocks its polymerase activity. At the very beginning of the thermal cycling protocol, the antibody is inactivated and with this "Hot Start", Taq DNA Polymerase regains its function.	250 Units
		1000 Units
Endpoint PCR	VitaTaq® PCR Kits are classic PCR reagent sets: enzyme and buffer come separately. This allows you to adapt as much about the reaction setup as is necessary for your application.	200 units
		500 units
		2500 units

Endpoint PCR	Vita DxTaq® is a unique designer polymerase that was developed exclusively for applications that require exceptional specificity and precision.	100 units
		500 units
		2500 units
Endpoint PCR	VitaRed Direct Blood PCR Kit was designed to amplify your target sequence directly from whole blood without previous DNA isolation.	100 rxn/50 µl
		500 rxn/50 µl
Endpoint PCR	Our recently developed Indominus™-Polymerase is a next-generation designer proofreading polymerase that combines exceptional speed and efficiency with a high amplification fidelity.	100 rxn/50 µl
		500 rxn/50 µl
qPCR	2X ProPlant SYBR Mix is a convenient 2X qPCR Mastermix for SYBR® Green-based detection with a universal concentration of ROX™ compatible with all common thermocycling devices (including Bio-Rad devices).	2 ml
		5 ml
qPCR	2X ProPlant Probe Mix is a convenient 2X qPCR Mastermix for probe-based detection (such as TaqMan) with a universal concentration of ROX™ compatible with all common thermocycling devices (including Bio-Rad devices).	2 ml
		5 ml
qPCR	2X Magic SYBR Mix is a convenient 2X qPCR Mastermix for SYBR® Green-based detection with a universal concentration of ROX™ compatible with all common thermocycling devices (including Bio-Rad devices).	2 ml
		5 ml
qPCR	2X Magic PROBE Mix is a convenient 2X qPCR Mastermix for probe-based detection (such as TaqMan) with a universal concentration of ROX™ compatible with all common thermocycling devices (including Bio-Rad devices).	2 ml
		5 ml
1-step qPCR	1Step Magic SYBR Kit is a one-step solution for the quantitative analysis of RNA. The 2X qPCR mastermix contains all components necessary for a qPCR experiment: Hotstart DNA polymerase, dNTPs , SYBR® Green and a passive reference dye,	200 rxn/20 µl
		600 rxn/20 µl
1-step qPCR	1Step Magic Probe Kit is a one-step solution for the quantitative analysis of RNA. The 2X qPCR mastermix contains all components necessary for a qPCR experiment.	200 rxn/20 µl
		600 rxn/20 µl
cDNA Synthesis	VitaScript™FirstStrand cDNA Synthesis Kit consists of VitaScript™ Enzyme Mix and 5X VS Reaction Buffer, the buffer containing dNTPs, random hexamer primer and oligo(dT)18 Primers.	50 rxn
cDNA Synthesis	VitaScript® 1Step RT-PCR Kit is a combined reverse transcription / PCR amplification system for the analysis of RNA with endpoint PCR.	25 rxn/50 µl
		100 rxn/50 µl
Mycoplasma Kit	PHOENIXDX® MYCOPLASMA MIX is a fast, reliable and highly specific qPCR solution for the detection of mycoplasma contamination for example in cell culture. More than 130 different mollicute species can be detected via a specific sequence on the 16s rDNA.	1 ml

2. Cell Lines

Cat. No	Product	Product description
ABC-TC1273	VERO cells	The Vero cell line was initiated from the kidney of a normal adult African green monkey.
ABL-TC0398	MDCK cells	MDCK (NBL-2) Cell Line is from dog; Sex: F; Tissue: kidney; Morphology: epithelial-like; Profile: Epithelial-like cell line established from normal kidney of dog, susceptible for many viral species.
ABC-TC0973	RK13 cells	RK13 has been derived from kidney cells of a 5 week old rabbit.
ABC-TC0658	MDBK cells	Bovine Kidney cell line.
ABC-TC0077	BHK-21 (clone 13)	Hamster Syrian kidney. Susceptible to a range of viruses including adenovirus 25, vaccinia, herpes simplex, reovirus 3, vesicular stomatitis, rubella, pseudorabies.
ABC-TC0234	EBTr cells	Bovine foetal trachea. Derived from the trachea of a male bovine foetus.

3. DNA/RNA Isolation Kit

Cat. No	Product	Product description
EM01.1-050	50 Extractions	EXTRACTME PLASMID MINI KIT For mini-scale extraction of plasmid DNA from recombinant Escherichia coli strains; New upgraded kit
EM01.1-250	250 Extractions	EXTRACTME PLASMID MINI KIT For mini-scale extraction of plasmid DNA from recombinant Escherichia coli strains; New upgraded kit
EM09.1-050	50 Extractions	EXTRACTME TOTAL RNA KIT New upgraded kit for rapid and efficient purification of high quality RNA from up to 30 mg of tissue (fresh or frozen) and 10 ⁷ cultured cells. RNA binding capacity: ~ 230 µg. <i>Significantly improved isolated RNA yields and shortened the duration of the procedure. AntiFoam Reagent and lyophilized DNase I are included!</i>
EM09.1-250	250 Extractions	EXTRACTME TOTAL RNA KIT New upgraded kit for rapid and efficient purification of high quality RNA from up to 30 mg of tissue (fresh or frozen) and 10 ⁷ cultured cells. RNA binding capacity: ~ 230 µg. <i>Significantly improved isolated RNA yields and shortened the duration of the procedure. AntiFoam Reagent and lyophilized DNase I are included!</i>
EM013-050	50 Extractions	EXTRACTME GENOMIC DNA KIT-universal For 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, hairs, rodent tails, insects, bacteria, yeast and cell cultures
EM013-250	250 Extractions	EXTRACTME GENOMIC DNA KIT-universal For 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, hairs, rodent tails, insects, bacteria, yeast and cell cultures
EM015-050	50 Extractions	EXTRACTME RNA & DNA KIT For rapid simultaneous isolation of a high quality genomic DNA and total RNA from a single biological sample from up to 30 mg of fresh or frozen tissue and up to 10 ⁷ cultured cells. This kit is ideal for researchers who are

		interested in studying the genome and transcriptome of a single sample. Binding capacity: ~ 60 µg DNA, ~ 230 µg RNA.
EM015-250	250 Extractions	EXTRACTME RNA & DNA KIT For rapid simultaneous isolation of a high quality genomic DNA and total RNA from a single biological sample from up to 30 mg of fresh or frozen tissue and up to 10 ⁷ cultured cells. This kit is ideal for researchers who are interested in studying the genome and transcriptome of a single sample. Binding capacity: ~ 60 µg DNA, ~ 230 µg RNA

4. Western Blotting WESTAR (ECL solutions)

Substrate	Signal intensity	Sensitivity	Protein quantity	Primary Ab dilution range*	Secondary Ab dilution range*
WESTAR ECL-SUN	Standard	20 pg	High abundance	from 1/100 to 1/5,000	from 1/1,000 to 1/15,000
WESTAR Nova 2.0	Medium	2 pg	High abundance	from 1/500 to 1/5,000	from 1/20,000 to 1/100,000
WESTAR Antares	High	500 fg	Medium abundance Extended signal duration (20 h)	from 1/1,000 to 1/15,000	from 1/25,000 to 1/150,000
WESTAR EtaC Ultra 2.0	Very High	150 fg	Low abundance	from 1/5,000 to 1/50,000	from 1/50,000 to 1/250,000
WESTAR Supernova	Extreme	50 fg	Very-low abundance	from 1/5,000 to 1/100,000	from 1/100,000 to 1/500,000
WESTAR Hypernova	Very Extreme	>30 fg	extreme-low abundance	few protocol	few protocol

5. Proteinase K

Product	Product description	Size
Proteinase K (molecular biology grade)	recombinant Proteinase K from Tritirachium album; enzyme concentration >30 U/mg;	1-100 g > 100g
Proteinase K (NGS grade) NEW	recombinant Proteinase K from Tritirachium album; enzyme concentration >35 U/mg; free of of exonucleases, ribonucleases and nucleic acids	100 mg
Proteinase K (NGS grade) NEW	recombinant Proteinase K from Tritirachium album; enzyme concentration >35 U/mg; free of of exonucleases, ribonucleases and nucleic acids	1 g

6. PROTEIN A/G AGAROSE

Product	Size
Recombinant Protein G, Agarose	1ml/5ml/25ml
Recombinant Protein A, Agarose	1ml/5ml/25ml

7. Primary Antibodies

Product	Application	Source
Anti-Human CD4 antibody, 50 ul	IF/ICC,ELISA	Mouse
Anti-Human CD8 antibody, 50 ul	WB,ELISA,FCM	Mouse
Anti-Human Rab25 antibody, 50 ul	WB,IHC,ELISA	Mouse
Anti-Human FGF2 antibody, 50 ul	WB,IHC,ELISA	Mouse
Anti-Human TGF beta1 antibody, 50 ul	WB,IF/ICC,ELISA	Mouse
Anti-Human Akt3 antibody, 50 ul	WB,ELISA	Mouse
Anti-Human Tyk2 antibody, 50 ul	WB,IF/ICC,ELISA	Mouse
Anti-Human, Mouse, Monkey ERK2 antibody, 50 ul	WB,IHC,IF/ICC,ELISA	Mouse
Anti-Human Desmin antibody, 50 ul	WB,IHC,ELISA	Mouse
Anti-Human ELK1 antibody, 50 ul	WB,IF/ICC,ELISA	Mouse
Anti-Human GSK3 alpha antibody, 50 ul	WB,ELISA	Mouse
Anti-Human RSK1 antibody, 50 ul	WB,IHC,IF/ICC,ELISA	Mouse
Anti-Human TNF-alpha antibody, 50 ul	WB,ELISA	Mouse
Anti-Human Calnexin antibody, 50 ul	WB,IF/ICC,ELISA	Mouse
Anti-Human MAP4K4 antibody, 50 ul	WB,IF/ICC,ELISA	Mouse
Anti-Human NANOG antibody, 50 ul	WB,IF/ICC,ELISA	Mouse
Anti-Human,Mouse,Rat,Monkey,Hamster antibody, 50 ul	beta-Actin WB,IF/ICC,ELISA,FCM	Mouse
Anti-Human,Mouse, Rat STAT3 antibody, 50 ul	WB,IHC,IF/ICC,ELISA	Mouse
Anti-Human, Monkey Vimentin antibody, 50 ul	WB,IHC,IF/ICC,ELISA	Mouse
Anti-Human IL-2 antibody, 50 ul	WB,ELISA	Mouse
Anti-Human WNT5A antibody, 50 ul	WB,IHC,IF/ICC,ELISA	Mouse
Anti-Human,Mouse, Rat p53 antibody, 50 ul	WB,IHC,IF/ICC,ELISA	Mouse
Anti-Human FOXA2 antibody, 50 ul	WB,IHC,ELISA	Mouse
Anti-Human,Mouse WNT1 antibody, 50 ul	WB,IHC,IF/ICC,ELISA,FCM	Mouse
Anti-Human Neurogenin-3 antibody, 50 ul	WB,EWB,IF/ICC,ELISA,FCMLISA	Mouse
Anti-Human,Mouse PTEN antibody, 50 ul	WB,IF/ICC,ELISA,FCM	Mouse

8. Cell Culture Antibiotics

Product	Size
G418/Geneticin® crystalline	5 g
G418/Geneticin® 50 mg/ml	100 ml
Penicillin-Streptomycin Pen 10'000 IU/ml Strep 10	100 ml
Gentamycin (5'000 ug/ml) 100 ml	100 ml
Kanamycin (5'000 ug/ml) 100 ml	100 ml

9. Cell Culture Media

Name of the Product	Size
DMEM Low Glucose (1.0 g/l) without L-Glutamine 50	500 ml
DMEM Low Glucose (1.0 g/l) with L-Glutamine 500 m	500 ml
DMEM Low Glucose (1.0 g/l)with 25mM HEPES	500 ml
DMEM Low Glucose (1.0 g/l)without Phenol Red	500 ml
DMEM/HAM's F-12 without L-Glutamine 500 ml	500 ml
DMEM/HAM's F-12with 15mM HEPES without L-Glutamine	500 ml
RPMI 1640 without L-Glutamine 500 ml	500 ml
RPMI 1640 with L-Glutamine 500 ml	500 ml
RPMI 1640with 25mM HEPES without L Glutamine	500 ml
RPMI 1640without Phenol Red without L-Glutamine	500 ml
RPMI 164010x concentrated without NaHCO3	500 ml

10. Pipette Tips

Products
Pipette tips for up to 20ul, box of 10x96
Pipette tips for up to 200ul, box of 10x96
Pipette tips for up to 500ul, box of 10x96
set of 4 genesig easy pipettes, 5ul, 10ul, 200ul & 500ul

11. Single and Multiple Channel Pipettes (Dispenser)

Channel/Multi-channels	Volume range (μ l)	Outfit Tipps (μ l)
1	0.1-3	10
1	0.5-10	10
1	2-20	20
1	10-100	200
1	20-200	200
1	100-1000	1000
8	0.5-10	10
8	5-100	200
8	30-300	300-350
12	0.5-10	10
12	5-100	200
12	30-300	300-350

Research Equipments:

Offer on light and heavy equipments on customer's request.

Remarks: Any biomedical research reagents/consumables/equipments of your interest not enlisted here could be supplied on priority basis as per our vast experience. Please let us know.