



A&A BIOTECHNOLOGY
innovating life science

Product list
2025

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New Products

name	description	cat. no.	size
qPCR-HS Mix EvaGreen®	High specificity ready-to-use mix for real-time Hot Start PCR with EvaGreen®, Mixture contains monoclonal antibody blocked Taq DNA polymerase (RUN-HS). Used for HRM analysis. 2x concentrated.	2008HS-100G	200 reactions in 25 µl
		2008HS-1000G	2000 reactions in 25 µl
qPCR-HS Mix Sybr®	High specificity ready-to-use mix for real-time Hot Start PCR with SYBR® Green. Mixture contains monoclonal antibody blocked Taq DNA polymerase (RUN-HS). 2x concentrated.	2008HS-100	200 reactions in 25 µl
		2008HS-1000	2000 reactions in 25 µl
qPCR-HS Mix Probe	High specificity ready-to-use mix for real-time Hot Start PCR designed for use with fluorescent probes. Mixture contains monoclonal antibody blocked Taq DNA polymerase (RUN-HS). 2x concentrated.	2008HS-100P	200 reactions in 25 µl
		2008HS-1000P	2000 reactions in 25 µl
Blood Mini Plus	Increased efficiency for genomic DNA purification from blood. Sample size: up to 1 ml of fresh or frozen blood.	022-50PN	50 isolations
		022-250PN	250 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁹ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations

MagnifiQ™ automatic isolation

Devices

name	description	cat. no.	size
Auto-Pure Mini	Device for automatic magnetic isolation of nucleic acids. 1-16 samples per run. Format: 96-well V-bottom plate, single strip.	AP-M	1 pc
Auto-Pure 32A	Device for automatic magnetic isolation of nucleic acids. 16-32 samples per run. Format: 96-well U-bottom plate	AP-32A	1 pc
Auto-Pure S32	Device for automatic magnetic isolation of nucleic acids. 16-32 samples per run. Format: 96-well V-bottom plate, single strip.	AP-S32	1 pc
Auto-Pure 96	Device for automatic magnetic isolation of nucleic acids. 96 samples per run. Format: 96-well V-bottom plate	AP-96	1 pc

Device accessories

name	description	cat. no.	size
Single tank rack for AP-Mini, AP-S32	Rack for kits based on magnetic, automatic technology. For use with AP-Mini, AP-S32. Made of plastic.	008-3	1 pc
		K-MQF-100	100 pcs
Protective film for 96-well plates	Protective film designed to protect 96-well plates containing lysates or eluates during nucleic acid isolation.	K-MQF-200	200 pcs
		K-MQF-500	500 pcs
UV lamp for AP-Mini	UV lamp included with AP-Mini device	AS1.27F.20002 20	1 pc
UV lamp for AP-32A	UV lamp included with AP-32A device	AS1.27F.20001 40	1 pc

Reagents

Genomic DNA purifications

name	description	compatible device	cat. no.	size
MagnifiQ™ 1 Genomic DNA instant kit	Kit for automated, magnetic isolation of DNA in the strip format. Contains ready-to-use, reagent-filled strips and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	604A-1V-32	32 isolations
			604A-1V-160	160 isolations
		Auto-Pure 32A	604A-16U-64	64 isolations
MagnifiQ™ 16 Genomic DNA instant kit	Kit for automated, magnetic isolation of DNA in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	604A-16V-64	64 isolations
		Auto-Pure 32A	604A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	604A-16V-256	256 isolations
MagnifiQ™ 96 Genomic DNA instant kit	Kit for automated, magnetic isolation of DNA in the 96 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure 96, KingFisher Flex	604A-96V-960	960 isolations
MagnifiQ™ Genomic DNA reagents and consumables kit	A set of reagents and all necessary consumables for filling plates for the automated, magnetic isolation of DNA.	Auto-Pure 32A	604D-16U-64	64 isolations
		Auto-Pure Mini, Auto-Pure S32	604D-16V-64	64 isolations
		Auto-Pure 32A	604D-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	604D-16V-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32, Auto-Pure 96, KingFisher Flex	604D-96V-960	960 isolations
Bacteria lysis kit	Additional set of reagents for genomic DNA isolation of Gram-negative and Gram-positive bacteria for use with: ● MagnifiQ Genomic series kits ● Genomic Mini Universal kit		604BK-50	50 isolations
			604BK-100	100 isolations
Microbiome lysis kit	Additional set of reagents for microbiome DNA isolation for use with: ● MagnifiQ Genomic series kits ● Genomic Mini Universal kit		604SK-50	50 isolations
			604SK-100	100 isolations
Yeast lysis kit	Additional set of reagents for yeast genomic DNA isolation for use with: ● MagnifiQ Genomic series kits ● Genomic Mini Universal kit		604YK-50	50 isolations
			604YK-100	100 isolations
Bead-beater tubes (zirconia/silica beads)	2 ml tubes filled with 0.1 and 1 mm mixture of zirconia/silica beads dedicated to efficient homogenization of complex biologic samples including feces, soil, sediments. For use in the magnetic isolation procedure using the MagnifiQ™ Genomic DNA.		K-PKCM-50	50 pcs
			K-PKCM-100	100 pcs
StoolSave™ DNA Protection kit	Stool samples collecting kit, ensuring protection and stabilization of nucleic acids in the collected material. The stabilized samples can be stored for several months at room temperature. For use in the magnetic isolation procedure using the MagnifiQ™ Genomic DNA.		006-10	10 pcs
			006-50	50 pcs
			006-100	100 pcs
MagnifiQ™ 1 Pathogen instant kit	Kit for automated, magnetic isolation of DNA and RNA of pathogens in the strip format. Contains ready-to-use, reagent-filled strips and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	607A-1V-32	32 isolations
			607A-1V-160	160 isolations
MagnifiQ™ 16 Pathogen instant kit	Kit for automated, magnetic isolation of DNA and RNA of pathogens in the 16 samples per plate format.	Auto-Pure 32A	607A-16U-64	64 isolations

Genomic DNA purifications

name	description	compatible device	cat. no.	size
	Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	607A-16V-64	64 isolations
		Auto-Pure 32A	607A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	607A-16V-256	256 isolations
MagnifiQ™ 96 Pathogen instant kit	Kit for automated, magnetic isolation of DNA and RNA of pathogens in the 96 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure 96, KingFisher Flex	607A-96V-960	960 isolations
MagnifiQ™ Pathogen reagents and consumables kit	A set of reagents and all necessary consumables for filling plates for the automated, magnetic isolation of DNA and RNA of pathogenic microorganisms.	Auto-Pure 32A	606D-16U-64	64 isolations
		Auto-Pure Mini, Auto-Pure S32	606D-16V-64	64 isolations
		Auto-Pure 32A	606D-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	606D-16V-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32, Auto-Pure 96, KingFisher Flex	606D-96V-960	960 isolations
MagnifiQ™ 1 Plant DNA instant kit	Kit for automated, magnetic isolation of genomic DNA from plant tissue in the strip format. Contains ready-to-use, reagent-filled stripes and all necessary consumables. The strip format enables the isolation of a single sample per purification run.	Auto-Pure Mini, Auto-Pure S32	650A-1V-32	32 isolations
			650A-1V-160	160 isolations
MagnifiQ™ 16 Plant DNA instant kit	Kit for automated, magnetic isolation of genomic DNA from plant tissue in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure 32A	650A-16U-64	64 isolations
		Auto-Pure Mini, Auto-Pure S32	650A-16V-64	64 isolations
		Auto-Pure 32A	650A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	650A-16V-256	256 isolations
Bead-beater tubes (metal beads)	2 ml tubes with 2 pieces metallic beads (4.5 mm) for homogenization of plant tissue samples. For use in the magnetic isolation procedure using the MagnifiQ™ Plant DNA.		K-2M-50	50 pcs
			K-2M-100	100 pcs

DNA purification reagents

name	description	cat. no.	size
StoolSave™ DNA Protection kit	Stool samples collecting kit, ensuring protection and stabilization of nucleic acids in the collected material. The stabilized samples can be stored for several months at room temperature. For use in the magnetic isolation procedure using the MagnifiQ™ Genomic DNA.	006-10	10 pcs
		006-50	50 pcs
		006-100	100 pcs
Bead-beater tubes (zirconia/silica beads)	2 ml tubes filled with 0.1 and 1 mm mixture of zirconia/silica beads dedicated to efficient homogenization of complex biologic samples including feces, soil, sediments. For use in the magnetic isolation procedure using the MagnifiQ™ Genomic DNA.	K-PKCM-50	50 pcs
		K-PKCM-100	100 pcs
Bead-beater tubes (metal beads)	2 ml tubes with 2 pieces metallic beads (4.5 mm) for homogenization of plant tissue samples. For use in the magnetic isolation procedure using the MagnifiQ™ Plant DNA.	K-2M-50	50 pcs
		K-2M-100	100 pcs

Plasmid DNA purification

name	description	compatible device	cat. no.	size
MagnifiQ™ 1 Plasmid Mini instant kit	Kit for automated, magnetic isolation of plasmid DNA in the strip format. Contains ready-to-use, reagent-filled strips and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	620A-1V-32	32 isolations
			620A-1V-160	160 isolations
		Auto-Pure 32A	620A-16U-64	64 isolations
MagnifiQ™ 16 Plasmid Mini instant kit	Kit for automated, magnetic isolation of plasmid DNA in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	620A-16V-64	64 isolations
			620A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	620A-16V-256	256 isolations

DNA cleanup after enzymatic reactions

name	description	compatible device	cat. no.	size
MagnifiQ™ 16 CiTi Converter DNA Methylation instant kit	Kit of reagents for bisulfite conversion and a pre-filled 96 deep-well plate for automated, magnetic purification of converted DNA in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure 32A	027A-16U-64	64 isolations
		Auto-Pure Mini, Auto-Pure S32	027A-16V-64	64 isolations
		Auto-Pure 32A	027A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	027A-16V-256	256 isolations
MagnifiQ™ CiTi Converter DNA Methylation Kit	Complete kit for efficient conversion and preparation of converted DNA for methylation research. Manual method using magnetic beads.	Manual method	027MB-50	50 isolations
			027MB-250	250 isolations
MagnifiQ™ 1 ExTerminator instant kit	Kit for automated, magnetic removal of nucleotide dye-terminators kit after DNA cycle sequencing reactions in the strip format. Contains ready-to-use, reagent-filled strips and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	444A-1V-32	32 isolations
			444A-1V-160	160 isolations
MagnifiQ™ 16 ExTerminator instant kit	Kit for automated, magnetic removal of nucleotide dye-terminators kit after DNA cycle sequencing reactions in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure 32A	444A-16U-64	64 isolations
		Auto-Pure Mini, Auto-Pure S32	444A-16V-64	64 isolations
		Auto-Pure 32A	444A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	444A-16V-256	256 isolations

RNA purification

name	description	compatible device	cat. no.	size
MagnifiQ™ 1 Total RNA Plus instant kit	Kit for automated, magnetic isolation of total RNA in the strip format. Contains ready-to-use, reagent-filled strips and all necessary consumables.	Auto-Pure Mini, Auto-Pure S32	614A-1V-32	32 isolations
			614A-1V-160	160 isolations
MagnifiQ™ 16 Total RNA Plus instant kit	Kit for automated, magnetic isolation of total RNA in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	Auto-Pure 32A	614A-16U-64	64 isolations
		Auto-Pure Mini, Auto-Pure S32	614A-16V-64	64 isolations
		Auto-Pure 32A	614A-16U-256	256 isolations
		Auto-Pure Mini, Auto-Pure S32	614A-16V-256	256 isolations

DNA purification

DNA cleanup after enzymatic reactions

name	description	cat. no.	size
Clean-Up	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Sample size: up to 150 µl.	021-50	50 isolations
		021-250	250 isolations
Clean-Up AX	Increased efficiency kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Procedure with DNA precipitation. Allows to purify DNA fragments up to 20 000 bp. Sample size: up to 200 µl.	026-50	50 isolations
Clean-Up Concentrator	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Low elution volume (from 15 µl). Sample size: up to 100 µl.	021-50C	50 isolations
		021-250C	250 isolations
Clean-Up 96-well	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Form: 96-well plates.	021-192	192 isolations
Clean-Up Maxi	Kit for DNA cleanup after PCR and other enzymatic reactions using restriction enzymes, ligase, kinase, etc. Column capacity: 1 mg of DNA.	028-10	10 isolations
Gel-Out	Kit for DNA extraction from agarose. Sample size: agarose block up to 200 mg.	023-50	50 isolations
		023-250	250 isolations
Gel-Out AX	Increased efficiency kit for DNA extraction from low melting point agarose. Procedure with DNA precipitation. Sample size: agarose block up to 200 mg.	024-50	50 isolations
Gel-Out Concentrator	Kit for DNA extraction from agarose. Low elution volume (from 15 µl). Sample size: agarose block up to 200 mg.	023-50C	50 isolations
		023-250C	250 isolations
ExTerminator	Nucleotide terminators removal kit after cycle sequencing reactions. Sample size: up to 20 µl.	444-50	50 isolations
		444-250	250 isolations
ExTerminator 96-well	Nucleotide terminators removal kit after cycle sequencing reactions. Form: 96-well plates. Sample size: up to 20 µl.	444-192	192 isolations
		444-384	384 isolations
EPPiC	Kit for rapid, enzymatic purification of PCR products (procedure time: 30 minutes). Sample size: up to 10 µl of post-PCR reaction mixture.	1021-100	100 reactions
		1021-500	500 reactions
		1021-2500	2500 reactions
EPPiC Fast	Kit for ultra rapid, enzymatic purification of PCR products (procedure time: 6 minutes). Sample size: up to 10 µl of post-PCR reaction mixture.	1021-100F	100 reactions
		1021-500F	500 reactions
		1021-2500F	2500 reactions

Plasmid DNA purification

name	description	cat. no.	size
Plasmid Mini	Kit for high-copy plasmid DNA purification. Sample size: up to 3 ml of bacterial culture.	020-50	50 isolations
		020-250	250 isolations
Plasmid Mini AX	Increased efficiency kit for low- and high-copy plasmid DNA purification. Procedure with DNA precipitation. Sample size: up to 10 ml of bacterial culture.	010-50	50 isolations
Plasmid Mini AX Gravity	Gravity flow. Increased efficiency kit for high-copy plasmid DNA purification. Sample size: up to 3 ml of bacterial culture.	015-100	100 isolations
Plasmid Midi AX	Increased efficiency kit for low- and high-copy plasmid DNA purification. Procedure with DNA precipitation. Sample size: up to 100 ml of bacterial culture.	092-10	10 isolations
Plasmid Midi AX Endotoxin-Free	Increased efficiency kit for low- and high-copy plasmid DNA purification. Efficient endotoxin removal. Procedure with DNA precipitation. Sample size: up to 100 ml of bacterial culture.	092EF-10	10 isolations
Plasmid Maxi AX Sil	Increased efficiency kit for low- and high-copy plasmid DNA purification. Procedure with DNA precipitation. Sample size: up to 500 ml of bacterial culture.	093-02S	2 isolations
Plasmid Maxi AX Sil Endotoxin-Free	Increased efficiency kit for low- and high-copy plasmid DNA purification. Efficient endotoxin removal. Procedure with DNA precipitation. Sample size: up to 500 ml of bacterial culture.	093EF-02S	2 isolations

Genomic DNA purification

Bacteria

name	description	cat. no.	size
Genomic Mini AX Bacteria	Increased efficiency kit for genomic DNA purification from bacteria. Procedure with DNA precipitation. Sample size: up to 1 ml of bacteria culture.	060-60	60 isolations
Genomic Mini AX Bacteria Spin	Increased efficiency kit for genomic DNA purification from bacteria. Sample size: up to 1 ml of bacteria culture.	060-100S	100 isolations
Genomic Mini AX Bacteria+	Increased efficiency kit for genomic DNA purification from Gram-positive bacteria. Contains Mutanolysin. Procedure with DNA precipitation. Sample size: up to 1 ml of bacteria culture.	060-60M	60 isolations
Genomic Mini AX Bacteria+ Spin	Increased efficiency kit for genomic DNA purification from Gram-positive bacteria. Contains Mutanolysin. Sample size: up to 1 ml of bacteria culture.	060-100MS	100 isolations
Genomic Micro AX Bacteria Gravity	Gravity flow kit for genomic DNA purification from bacteria. Sample size: up to 500 µl of bacteria culture.	102-100	100 isolations
Genomic Micro AX Bacteria+ Gravity	Gravity flow kit for genomic DNA purification from Gram-positive bacteria. Contains Mutanolysin. Sample size: up to 500 µl of bacteria culture.	102-100M	100 isolations
Genomic Mini AX Streptomyces	Increased efficiency kit for genomic DNA purification from Streptomyces bacteria. Procedure with DNA precipitation. Sample size: up to 3 ml of bacteria culture.	066-60	60 isolations
Genomic Mini	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 x 10 ⁸ of bacteria culture, up to 1 x 10 ⁶ of cell culture, up to 15 mg of solid tissue, up to 100 µl of semen.	116-50	50 isolations
		116-250	250 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations
Bacteria lysis kit	Additional set of reagents for genomic DNA isolation of Gram-negative and Gram-positive bacteria for use with: ● MagnifiQ Genomic series kits ● Genomic Mini Universal kit	604BK-50	50 isolations
		604BK-100	100 isolations
Genomic Midi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure with DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 ⁶ of bacteria culture, up to 1 x 10 ⁷ of cell culture, up to 100 mg of solid tissue.	895-20	20 isolations
Genomic Midi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 ⁶ of bacteria culture, up to 1 x 10 ⁷ of cell culture, up to 100 mg of solid tissue.	895-20D	20 isolations
Genomic Maxi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Sample size: up to 5 ml of fresh or frozen blood, up to 2 x 10 ⁸ of bacteria culture, up to 5 x 10 ⁷ of cell culture, up to 300 mg of solid tissue.	995-10	10 isolations
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of feces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations
		106-100	100 isolations

Blood

name	description	cat. no.	size
Blood Mini	Kit for genomic DNA purification from blood. Sample size: up to 1 ml of fresh or frozen blood.	022-50	50 isolations
		022-250	250 isolations
Blood Mini Plus	Increased efficiency for genomic DNA purification from blood. Sample size: up to 1 ml of fresh or frozen blood.	022-50PN	50 isolations
		022-250PN	250 isolations
Genomic Mini AX Blood	Increased efficiency kit for genomic DNA purification from blood. Procedure with DNA precipitation. Sample size: up to 200 µl of fresh or frozen blood.	052-60	60 isolations
Genomic Micro AX Blood Gravity	Gravity flow kit for genomic DNA purification from blood. Sample size: up to 100 µl of fresh or frozen blood.	101-100	100 isolations
Xpure™ Blood mini	Kit for genomic DNA purification from blood. Isolation columns packed individually in sterile conditions. Sample size: up to 200 µl of blood.	097-50	50 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations
Genomic Midi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure with DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 ⁶ of bacteria culture, up to 1 x 10 ⁷ of cell culture, up to 100 mg of solid tissue.	895-20	20 isolations
Genomic Midi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5 x 10 ⁶ of bacteria culture, up to 1 x 10 ⁷ of cell culture, up to 100 mg of solid tissue.	895-20D	20 isolations
Genomic Maxi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Sample size: up to 5 ml of fresh or frozen blood, up to 2 x 10 ⁸ of bacteria culture, up to 5 x 10 ⁷ of cell culture, up to 300 mg of solid tissue.	995-10	10 isolations

Body fluids

name	description	cat. no.	size
Cell-free AX DNA Mini	Kit for circulating free DNA purification from plasma. Procedure with DNA precipitation. Sample size: 100-500 µl of plasma.	063-25	25 isolations
		063-100	100 isolations
Cell-free AX DNA	Kit for circulating free DNA purification from plasma. Procedure with DNA precipitation. Sample size: 4 ml of plasma.	054-50	50 isolations
Genomic Mini AX Body Fluids	Increased efficiency kit for genomic DNA purification from body fluids. Procedure with DNA precipitation. Sample size: up to 2 ml of body fluid.	052-20M	20 isolations
		052-40M	40 isolations
Genomic Mini AX Swab & Semen Spin	Increased efficiency kit for genomic DNA purification from swab and semen. Sample size: swab, or up to 150 µl of semen.	025-100S	100 isolations
Xpure™ Genomic Mini	Versatile kit for genomic DNA purification from cells and tissues. Isolation columns are packed individually in sterile conditions. Sample size: up to 25 mg.	096-50	50 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations

Feces

name	description	cat. no.	size
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations
Microbiome lysis kit	Additional set of reagents for microbiome DNA isolation for use with: • MagnifiQ Genomic series kits • Genomic Mini Universal kit	604MK-50	50 isolations
		604MK-100	100 isolations
Genomic Mini AX Stool	Increased efficiency kit for genomic DNA purification from feces. Procedure with DNA precipitation. Sample size: up to 100 mg of feces.	065-60	60 isolations
Genomic Mini AX Stool Spin	Increased efficiency kit for genomic DNA purification from feces. Sample size: up to 100 mg of feces.	065-100S	100 isolations
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of feces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations
		106-100	100 isolations
Bead-beater tubes (zirconia/silica beads)	2 ml tubes filled with 0.1 and 1 mm mixture of zirconia/silica beads dedicated to efficient homogenization of complex biologic samples including feces, soil, sediments.	K-PKCM-50	50 pcs
		K-PKCM-100	100 pcs

Food

name	description	cat. no.	size
Genomic Mini AX Food	Increased efficiency kit for genomic DNA purification from food of animal and plant origin. Procedure with DNA precipitation. Sample size: up to 100 mg of food sample.	053-60	60 isolations
Genomic Mini AX Milk Spin	Increased efficiency kit for genomic DNA purification from milk. Sample size: up to 10 ml of milk.	059-100S	10 isolations

Materials with a trace content of DNA

name	description	cat. no.	size
Sherlock AX	Kit for DNA purification from materials with a trace content of DNA (blood and saliva stains, hair, fur, tissue preserved in paraffin and formalin, fresh tissue, fresh and frozen blood). Procedure with DNA precipitation.	095-25	25 isolations
		095-100	100 isolations
Xpure™ Cell&Tissue micro	Kit for genomic DNA purification from small quantities of cell culture, tissue, cell lines and small invertebrates. Isolation columns packed individually in sterile conditions.	090-50	50 isolations

Plant

name	description	cat. no.	size
Genomic Mini AX Plant	Increased efficiency kit for genomic DNA purification from plant tissue. Procedure with DNA precipitation. Sample size: up to 20 mg of dry or up to 100 mg of fresh plant tissue.	050-60	60 isolations
Genomic Mini AX Plant Spin	Increased efficiency kit for genomic DNA purification from plant tissue. Sample size: up to 20 mg of dry or up to 100 mg of fresh plant tissue.	050-100S	100 isolations
Genomic Micro AX Plant Gravity	Gravity flow kit for genomic DNA purification from plant tissue. Sample size: up to 20 mg of dry or up to 100 mg of fresh plant tissue.	103-100	100 isolations
Genomic Midi AX Plant	Increased efficiency kit for genomic DNA purification from plant tissue. Procedure with DNA precipitation. Sample size: up to 200 mg of dry or up to 1 g of fresh plant tissue.	050-20M	20 isolations
Fast DNA Plant Screen	Kit for rapid isolation of genomic DNA from plant material, to be used in PCR. Sample size: fragment of the plant tissue with a diameter of 2-3 mm	050-192	192 isolations

Soil

name	description	cat. no.	size
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations
Microbiome lysis kit	Additional set of reagents for microbiome DNA isolation for use with: • MagnifiQ Genomic series kits • Genomic Mini Universal kit	604MK-50	50 isolations
		604MK-100	100 isolations
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of feces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations
		106-100	100 isolations
Bead-beater tubes (zirconia/silica beads)	2 ml tubes filled with 0.1 and 1 mm mixture of zirconia/silica beads dedicated to efficient homogenization of complex biologic samples including feces, soil, sediments.	K-PKCM-50	50 pcs
		K-PKCM-100	100 pcs

Swab

name	description	cat. no.	size
Swab	Kit for DNA purification from swab samples.	025-25	25 isolations
		025-100	100 isolations
Genomic Micro AX Swab Gravity	Gravity flow kit for genomic DNA purification from swabs.	105-100	100 isolations
Genomic Mini AX Swab & Semen Spin	Increased efficiency kit for genomic DNA purification from swab and semen. Sample size: swab or up to 150 µl of semen.	025-100S	100 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations

Tissue and cell cultures

name	description	cat. no.	size
Genomic Mini AX Tissue	Increased efficiency kit for genomic DNA purification from tissue and cell culture. Procedure with DNA precipitation. Sample size: up to 25 mg of animal tissue, up to 1×10^6 of cell culture.	056-60	60 isolations
Genomic Mini AX Tissue Spin	Increased efficiency kit for genomic DNA purification from tissue and cell culture. Sample size: up to 20 mg of animal tissue, up to 1×10^6 of cell culture.	056-100S	100 isolations
Genomic Micro AX Tissue Gravity	Gravity flow kit for genomic DNA purification from tissue and cell culture. Sample size: up to 10 mg of animal tissue, up to $0,5 \times 10^6$ of cell culture.	104-100	100 isolations
Genomic Mini AX Swab & Semen Spin	Increased efficiency kit for genomic DNA purification from swab and semen. Sample size: swab or up to 150 μ l of semen.	025-100S	100 isolations
Sherlock AX	Kit for DNA purification from materials with a trace content of DNA (blood and saliva stains, hair, fur, tissue preserved in paraffin and formalin, fresh tissue, fresh and frozen blood). Procedure with DNA precipitation.	095-25	25 isolations
		095-100	100 isolations
Xpure™ Cell&Tissue micro	Kit for genomic DNA purification from small quantities of cell culture, tissue, cell lines and small invertebrates. Isolation columns packed individually in sterile conditions.	090-50	50 isolations
Xpure™ Genomic Mini	Versatile kit for genomic DNA purification from cells and tissues. Isolation columns packed individually in sterile conditions. Sample size: up to 25 mg.	096-50	50 isolations
Genomic Mini	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1×10^6 of bacteria culture, up to 1×10^6 of cell culture, up to 15 mg of solid tissue, up to 100 μ l of semen.	116-50	50 isolations
		116-250	250 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1×10^6 of cell culture, up to 200 μ l fresh or frozen blood, up to 20 mg of solid tissue, up to 100 μ l of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations
Genomic Midi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure with DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5×10^6 of bacteria culture, up to 1×10^7 of cell culture, up to 100 mg of solid tissue.	895-20	20 isolations
Genomic Midi AX Direct	Versatile, increased efficiency kit for genomic DNA purification from various sources. Procedure without DNA precipitation. Sample size: up to 2 ml of fresh or frozen blood, up to 5×10^6 of bacteria culture, up to 1×10^7 of cell culture, up to 100 mg of solid tissue.	895-20D	20 isolations
Genomic Maxi AX	Versatile, increased efficiency kit for genomic DNA purification from various sources. Sample size: up to 5 ml of fresh or frozen blood, up to 2×10^8 of bacteria culture, up to 5×10^7 of cell culture, up to 300 mg of solid tissue.	995-10	10 isolations

Viruses and phages

name	description	cat. no.	size
Genomic Mini AX Phage	Kit for DNA purification from bacteriophages.	011-20	20 isolations
		034-50	50 isolations
Viral DNA/RNA	Kit for the isolation of viral DNA and RNA from blood samples, swabs, saliva and respiratory aspirates.	034-100	100 isolations
		034-200	200 isolations
Virus Mini AX Transfect	Increased efficiency kit for viral DNA purification for transfection. Procedure with DNA precipitation. Sample size: up to 900 µl of virions suspension.	060-50T	50 isolations

Yeast and fungi

name	description	cat. no.	size
Genomic Mini AX Yeast	Increased efficiency kit for genomic DNA purification from yeast and fungi. Contains Lyticase. Procedure with DNA precipitation. Sample size: up to 3 ml of yeast culture.	058-60	60 isolations
Genomic Mini AX Yeast Spin	Increased efficiency kit for genomic DNA purification from yeast and fungi. Contains Lyticase. Sample size: up to 1000 µl of yeast culture.	058-100S	100 isolations
Bead-Beat Micro AX Gravity	Versatile, increased efficiency kit for genomic DNA purification from various sources. Mechanical lysis. Sample size: up to 2 ml of bacterial culture, up to 2 ml of fluid or 100 mg of liquid yeast culture, up to 100 mg of plant tissue, up to 20 mg of animal tissue, up to 100 mg of feces, up to 200 mg of environmental sample up to 50 mg of other biological material.	106-20	20 isolations
		106-100	100 isolations
Genomic Mini Universal	Versatile kit for genomic DNA purification from various sources. Sample size: up to 1 ml of bacteria or yeast culture, up to 1 x 10 ⁶ of cell culture, up to 200 µl fresh or frozen blood, up to 20 mg of solid tissue, up to 100 µl of semen, dry swab.	116U-50	50 isolations
		116U-250	250 isolations
Yeast lysis kit	Additional set of reagents for yeast genomic DNA isolation for use with: • MagnifiQ Genomic series kits • Genomic Mini Universal kit		604YK-50
			604YK-100

DNA purification reagents

name	description	cat. no.	size
Anty-Inhibitor Kit	Kit for removing PCR inhibitors from DNA preparations.	1015-50	50 isolations
		1015-250	250 isolations
labZAP™	Universal cleaning agent for laboratory surfaces. Removes DNAses, RNAses and nucleic acids residues. Deactivates bacteria and viruses.	040-500	500 ml
Sterile water	Nuclease free, DEPC treated.	003-075	5 x 1.5 ml
		003-25	5 x 5 ml
		003-500	500 ml
		003-575	25 x 1.5 ml
		005-15	1.5 ml
		005-5	5 ml
		005-515	5 x 1.5 ml
		005-55	5 x 5 ml
Ultrapure water	Molecular biology grade. Nuclease-free. Not treated with DEpc	005-1015	10 x 1.5 ml
		005-100	100 ml
		005-250	250 ml
		005-500	500 ml
		005-2515	25 x 1.5 ml
		005-10015	100 x 1.5 ml

RNA purification

Total RNA

name	description	cat. no.	size
Total RNA Mini	Kit for total RNA purification. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 50 mg of plant or animal tissue, up to 1 ml of yeast culture.	031-25	25 isolations
		031-100	100 isolations
Total RNA Mini Concentrator	Kit for total RNA purification. Low elution volume (from 15 µl). Sample size: up to 500 µl of bacteria culture, up to 1 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 10 mg of plant or animal tissue, up to 500 µl of yeast culture.	031-25C	25 isolations
		031-100C	100 isolations
Total RNA Mini Plus	Kit for total RNA purification. Chloroform free procedure. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 50 mg of plant or animal tissue, up to 500 µl of yeast culture.	036-25	25 isolations
		036-100	100 isolations
Total RNA Mini Plus Concentrator	Kit for total RNA purification. Chloroform free procedure. Low elution volume (from 15 µl). Sample size: up to 500 µl of bacteria culture, up to 1 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 10 mg of plant or animal tissue, up to 500 µl of yeast culture.	036-25C	25 isolations
		036-100C	100 isolations
Total RNA Mini Plus D	Kit for total RNA purification with DNA removal on the column.	042-25	25 isolations
		042-100	100 isolations
Total RNA Zol-Out™	Kit for the rapid purification of ultra-pure total RNA from samples prepared in (TRIzol®, TRI Reagent®, RNAzol®, QIAzol®, TriPure™, TriSure™, etc.)	030-25	25 isolations
		030-100	100 isolations
Total RNA Zol-Out™ D	Kit for the rapid purification of ultra-pure total RNA from samples prepared in (TRIzol®, TRI Reagent®, RNAzol®, QIAzol®, TriPure™, TriSure™, etc.). Includes on-column DNA digestion.	043-25	25 isolations
		043-100	100 isolations
Total RNA Midi	Kit for total RNA purification. Sample size: up to 10 ml of bacteria culture, up to 10 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 150 mg of plant or animal tissue, up to 10 ml of yeast culture.	032-20	20 isolations
Bead-Beat Total RNA Mini	Versatile kit for total RNA purification from various, lysis-resistant sources. Mechanical lysis procedure. Sample size: up to 50 mg of plant tissue or animal tissue, up to 3 ml of bacterial culture, up to 1 ml of yeast culture.	031-25BB	25 isolations
		031-100BB	100 isolations

Micro RNA

name	description	cat. no.	size
Micro RNA	Kit for micro RNA purification. Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 50 mg of plant or animal tissue, up to 3 ml of yeast culture.	035-25	25 isolations
		035-100	100 isolations
Micro RNA Concentrator	Kit for micro RNA purification. Low elution volume (from 15 µl). Sample size: up to 3 ml of bacteria culture, up to 2 ml of blood, up to 1 x 10 ⁹ of cell culture, up to to 50 mg of plant or animal tissue, up to 3 ml of yeast culture.	035-25C	25 isolations
		035-100C	100 isolations

RNA cleanup

name	description	cat. no.	size
Clean-Up RNA Concentrator	Kit for RNA preparations concentration and DNA residues removal. Low elution volume (from 15 µl). Sample size: up to 100 µl.	039-25C	25 isolations
		039-100C	100 isolations
DNAse	Recombinant DNAse I. RNAse free. Form: solution. Concentration: 10 U/µl.	1009-10	1000 U
		1009-100	10 000 U
Tornado™ DNAse	Recombined engineered DNAse I with increased processivity. Form: solution. Concentration: 2 U/µl.	1009-10T	1000 U
		1009-50T	5000 U

Viral RNA purification

name	description	cat. no.	size
CoV RNA	Kit for the isolation of viral RNA from swabs.	034C-50	50 isolations
		034C-100	100 isolations
		034C-200	200 isolations
Viral DNA/RNA	Kit for the isolation of viral DNA and RNA from blood samples, swabs, saliva and respiratory aspirates.	034-50	50 isolations
		034-100	100 isolations
		034-200	200 isolations

RNA purification reagents

name	description	cat. no.	size
Fenozol	Lysis and protection solution. Can be used during RNA purification.	203-50	50 ml
		203-100	100 ml
Fenozol Plus	Lysis and protection solution. Can be used during RNA purification.	203-50P	50 ml
		203-100P	100 ml
labZAP™	Universal cleaning agent for laboratory surfaces. Removes DNAses, RNAses and nucleic acids residues. Deactivates bacteria and viruses.	040-500	500 ml
		213-100	100 ml
RBCL	Erythrocyte lysis solution.	213-250	250 ml
		213-1000	1000 ml
stayRNA™	Buffer for RNA protection in biological samples.	038-100	100 ml
		038-250	250 ml
		038-500	500 ml

RNA purification reagents

name	description	cat. no.	size
Poly(A)	Polyadenylic acid	4000-01	100 mg
		4000-05	500 mg
		4000-1	1 g
Sterile Water	Nuclease free. DEPC treated.	003-075	5 x 1.5 ml
		003-25	5 x 5 ml
		003-500	500 ml
		003-575	25 x 1.5 ml
Ultrapure water	Molecular biology grade. Nuclease-free. Not treated with DEpc	005-15	1.5 ml
		005-5	5 ml
		005-515	5 x 1.5 ml
		005-55	5 x 5 ml
		005-1015	10 x 1.5 ml
		005-100	100 ml
		005-250	250 ml
		005-500	500 ml
		005-2515	25 x 1.5 ml
		005-10015	100 x 1.5 ml

PCR and reverse transcription

PCR mixes

Standard PCR

name	description	cat. no.	size
PCR Mix Plus Red	High specificity ready-to-use mix for PCR. It contains Taq DNA polymerase, stabilizers, PCR anti-inhibitors and red dye facilitating easy tracking of electrophoresis. 2x concentrated.	2005-100P	200 reactions in 25 µl
		2005-1000P	2000 reactions in 25 µl
PCR Mix Plus Green	High specificity ready-to-use mix for PCR. It contains Taq DNA polymerase, stabilizers, PCR anti-inhibitors and green dye facilitating easy tracking of electrophoresis. 2x concentrated.	2005-100Z	200 reactions in 25 µl
		2005-1000Z	2000 reactions in 25 µl
PCR Mix Plus Clear	High specificity ready-to-use mix for PCR. It contains Taq DNA polymerase, stabilizers and PCR anti-inhibitors. The mix does not contain dye. 2x concentrated.	2005-100C	200 reactions in 25 µl
		2005-1000C	2000 reactions in 25 µl
PCR Mix Plus HGC	Ready-to-use mix for PCR from GC-rich templates. It contains Taq DNA polymerase, stabilizers, PCR anti-inhibitors and dye facilitating easy tracking of electrophoresis. 2x concentrated.	2005-100G	200 reactions in 25 µl
		2005-1000G	2000 reactions in 25 µl
HF PCR Mix	Ready-to-use PCR mix for amplification of long PCR products at high fidelity. It contains modified Pwo DNA polymerase with proofreading activity (3'-5' exonuclease), PCR enhancers and dyes facilitating easy tracking of electrophoresis. An effective amplification tool for long, difficult or GC-rich DNA templates.	1035-100	100 reactions in 50 µl
		1035-1000	1000 reactions in 50 µl

Real-time PCR

name	description	cat. no.	size
RT PCR Mix EvaGreen®	Ready-to-use mix for real-time PCR with EvaGreen®. Used for HRM analysis. 2x concentrated.	2008-100G	200 reactions in 25 µl
		2008-1000G	2000 reactions in 25 µl
RT PCR Mix Probe	Ready-to-use mix for real-time PCR with fluorescent probe. 2x concentrated.	2008-200P	200 reactions in 25 µl
		2008-2000P	2000 reactions in 25 µl
RT PCR Mix Sybr®	Ready-to-use mix for real-time PCR with SYBR® Green. 2x concentrated.	2008-100	200 reactions in 25 µl
		2008-1000	2000 reactions in 25 µl

Hot Start PCR

name	description	cat. no.	size
InfiniTaq™ PCR Kit	Long-range PCR Kit for amplification of DNA fragments up to 30 kb.	1200-100	100 reactions in 25 µl
		1200-1000	1000 reactions in 25 µl
StartWarm HS-PCR Mix	Ready-to-use mix for Hot Start PCR. It contains Taq DNA polymerase, 2x concentrated.	2017-100	200 reactions in 25 µl
		2017-1000	2000 reactions in 25 µl

Hot Start real-time PCR

name	description	cat. no.	size
qPCR-HS Mix EvaGreen®	High specificity ready-to-use mix for real-time Hot Start PCR with EvaGreen®. It contains monoclonal antibody blocked Taq DNA polymerase (RUN-HS). Used for HRM analysis. 2x concentrated.	2008HS-100G	200 reactions in 25 µl
		2008HS-1000G	2000 reactions in 25 µl
qPCR-HS Mix Probe	High specificity ready-to-use mix for real-time Hot Start PCR designed for use with fluorescent probes. It contains monoclonal antibody blocked Taq DNA polymerase (RUN-HS). 2x concentrated.	2008HS-100P	200 reactions in 25 µl
		2008HS-1000P	2000 reactions in 25 µl
qPCR-HS Mix Sybr®	High specificity ready-to-use mix for real-time Hot Start PCR with SYBR® Green. It contains monoclonal antibody blocked Taq DNA polymerase (RUN-HS). 2x concentrated.	2008HS-100	200 reactions in 25 µl
		2008HS-1000	2000 reactions in 25 µl
Multiplex PCR Mix Probe 4x	High specificity ready-to-use mix for real-time Hot Start PCR with fluorescent probe. 4x concentrated.	2017-2004PM	200 reactions in 25 µl
		2017-20004PM	2000 reactions in 25 µl
RT HS-PCR Mix Probe	Ready-to-use mix for real-time Hot Start PCR with fluorescent probe. 2x concentrated.	2017-200P	200 reactions in 25 µl
		2017-2000P	2000 reactions in 25 µl
RT HS-PCR Mix Sybr®	Ready-to-use mix for real-time Hot Start PCR with SYBR® Green. 2x concentrated.	2017-100HS	200 reactions in 25 µl
		2017-1000HS	2000 reactions in 25 µl
Sensitive Citi Mix EvaGreen®	High specificity ready-to-use mix for real-time Hot Start PCR with EvaGreen®. Optimized for epigenetics analysis by HRM technique. 2x concentrated.	2017CT-200	200 reactions in 20 µl

PCR kits

name	description	cat. no.	size
PCR Kit 5	Complete PCR kit. Kit contents: Taq polymerase (concentration: 5 U/μl), dNTP mix, Ku buffer, PCR buffer with Mg ²⁺ , PCR buffer without Mg ²⁺ , MgCl ₂ , loading buffer.	1205-200	200 U
		1205-1000	1000 U
HS-PCR Kit 5	Complete kit for Hot Start PCR. Kit contents: Taq polymerase (concentration: 5 U/μl), dNTP mix, Ku buffer, PCR buffer with Mg ²⁺ , PCR buffer without Mg ²⁺ , MgCl ₂ , loading buffer.	1205-200H	200 U
		1205-1000H	1000 U

LAMP

name	description	cat. no.	size
BeST LAMP Kit	Kit for isothermal DNA amplification in constant temperature.	1025-100	100 reactions in 25 μl
BeST LAMP Kit Sybr®	Kit for isothermal DNA amplification in constant temperature. It contains SYBR® Green.	1025-100G	100 reactions in 25 μl

Polymerases

name	description	cat. no.	size
RUN DNA polymerase	Taq DNA polymerase with the reaction buffer. Form: solution, concentration 1 U/μl.	1001-200	200 U
		1001-1000	1000 U
RUN 5 DNA polymerase	Taq DNA polymerase with the reaction buffer. Form: solution, concentration 5 U/μl.	1001-200-5	200 U
		1001-1000-5	1000 U
RUN-HS DNA polymerase	Hot Start Taq DNA polymerase with reaction buffer. Blocked with anti-Taq monoclonal antibody (mAb). Form: solution, concentration 1 U/μl.	1001-200H	200 U
		1001-1000H	1000 U
RUN-HS 5 DNA polymerase	Hot Start Taq DNA polymerase with reaction buffer. Blocked with anti-Taq monoclonal antibody (mAb). Form: solution, concentration 5 U/μl.	1001-200H-5	200 U
		1001-1000H-5	1000 U
WALK DNA polymerase	Pwo DNA polymerase with a reaction buffer. It has a proofreading activity. Form: solution, concentration 1 U/μl.	1002-200	200 U
		1002-1000	1000 U
Klenow fragment exo-	Fragment of polymerase I from <i>E. coli</i> . Form: solution, concentration 5 U/μl.	1012-300	300 U
T4 DNA polymerase	Reaction buffer included. Form: solution, concentration 3 U/μl.	1031-100	100 U
		1031-500	500 U
T7 RNA polymerase	Recombinant T7 phage RNA polymerase. Form: solution, concentration 20 U/μl.	1014-5	5000 U

Reverse transcription

name	description	cat. no.	size
TranScriba Kit	Kit for first strand cDNA synthesis. It contains RNase inhibitor and standard primers.	4000-20	20 reactions in 20 µl
		4000-100	100 reactions in 20 µl
TranScriba noGenome Kit	Kit for first-strand cDNA synthesis with efficient genomic DNA removal. It contains RNase inhibitor and standard primers.	4000NG-20	20 reactions in 20 µl
		4000NG-100	100 reactions in 20 µl
TranScriba 1step PCR Mix Probe	Kit for reverse transcription followed by real-time PCR with fluorescent probes.	2008-100Q	100 reactions in 25 µl
		2008-200Q	200 reactions in 25 µl
TranScriba 1step PCR Mix Sybr®	Kit for reverse transcription followed by real-time PCR with Sybr® Green.	2008-100S	100 reactions in 25 µl
		2008-200S	200 reactions in 25 µl

In vitro RNA transcription

name	description	cat. no.	size
RNase inhibitor	Contains separate tubes with aqueous solutions of each of the nucleotides (ATP, CTP, GTP, TTP) at a concentration of 100 mM.	037-25	2500 U
		037-100	4 x 2500 U
		037-1000	24 x 2500 U
Yeast inorganic pyrophosphatase	Enzyme catalyzes the hydrolysis of inorganic pyrophosphate to form orthophosphate. Increases the yield of polymerization reactions of DNA and RNA. Form: solution, concentration 0.1 U/µl.	1011-100	10 U
Ribonucleotides	Contains separate tubes with aqueous solutions of each of the nucleotides (ATP, CTP, GTP, TTP) at a concentration of 100 mM.	1040-250	4 x 250 µl
T7 RNA polymerase	Recombinant T7 phage RNA polymerase. Form: solution, concentration 20 U/µl.	1014-5	5000 U

PCR reagents

name	description	cat. no.	size
ExToPCR™	Fast, enzymatic extraction of DNA from various samples. The DNA extract can be used for standard PCR or real-time PCR.	1032-100	100 reactions
		1032-500	500 reactions
ExToPCR™ Kit	Fast, enzymatic extraction of DNA from various samples. Kit contains Hot Start PCR Mix.	1032K-100	100 reactions
dNTP Mix 10	Mix of deoxynucleotides (dATP, dCTP, dGTP, dTTP). 10 mM of each dNTP.	2001-200	200 µl
		2001-1000	1 ml
dNTP Mix 25	Mix of deoxynucleotides (dATP, dCTP, dGTP, dTTP). 25 mM of each dNTP.	2001-1	1 ml
		2001-4	4 x 1 ml
Ribonucleotides	Contains separate tubes with aqueous solutions of each of the nucleotides (ATP, CTP, GTP, TTP) at a concentration of 100 mM.	1040-250	4 x 250 µl
hUDG (human uracil DNA glycosylase)	Thermolabile enzyme for PCR mixtures to protect against contamination of PCR products. Form: solution, concentration 1 U/µl.	1026-200	200 U
		1026-1000	1000 U
labZAP™	Universal cleaning agent for laboratory surfaces. Removes DNases, RNases and nucleic acids residues. Deactivates bacteria and viruses.	040-500	500 ml
Sterile water	Nuclease free. DEPC treated.	003-075	5 x 1.5 ml
		003-25	5 x 5 ml
		003-500	500 ml
		003-575	25 x 1.5 ml
Ultrapure water	Molecular biology grade. Nuclease-free. Not treated with DEPC	005-15	1.5 ml
		005-5	5 ml
		005-515	5 x 1.5 ml
		005-55	5 x 5 ml
		005-1015	10 x 1.5 ml
		005-100	100 ml
		005-250	250 ml
		005-500	500 ml
		005-2515	25 x 1.5 ml
		005-10015	100 x 1.5 ml

Cloning and transformation

name	description	cat. no.	size
E.coli Transformer Kit	Kit for preparation of competent <i>E. coli</i> cells and transformation. Chemical method.	4020-240	6 x 40 reactions
E.coli Transformer Express Kit	Kit for preparation of competent <i>E.coli</i> cells and transformation. Chemical method that allows transformation even in 1 minute, without heat shocking.	4020-240E	6 x 40 reactions
JO-FI™ competent cells	High efficiency competent <i>E.coli</i> cells suitable for any type of cloning method and standard plasmid DNA transformation. Stable replication of high-copy plasmids.	1033-20	20 pcs
		1033-40	40 pcs
		1108-25	25 reactions
Liga5™	5-minute ligation kit. For sticky-end or blunt-end DNA.	1108-50	50 reactions
		1108-150	150 reactions
OverLap™ Assembly Cloning Kit	Kit for rapid cloning of multiple PCR products. DNA Ligase free procedure. Based on the Gibson method.	1024-10	10 reactions
		1024-50	50 reactions
Thermo PNK	Thermostable polynucleotide kinase Form: solution, concentration 10 U/μl.	1016-50	500 U
T4 ligaza DNA	Enzyme for efficient ligation of both cohesive and blunt ended dsDNA. Form: solution, concentration 1 U/μl.	1004-200	200 U
		1004-1000	1000 U
T4 polimeraza DNA	Reaction buffer included. Form: solution, concentration 3 U/μl.	1031-100	100 U
		1031-500	500 U

Epigenetics

DNA purification

name	description	cat. no.	size
Cell-free AX DNA Mini	Kit for circulating free DNA purification from plasma. Procedure with DNA precipitation. Sample size: 100 - 500 µl of plasma.	063-25	25 isolations
		063-100	100 isolations
Cell-free AX DNA	Kit for circulating free DNA purification from plasma. Procedure with DNA precipitation. Sample size: 4 ml of plasma.	054-50	50 isolations

DNA conversion and purification

name	description	cat. no.	size
MagnifiQ™ 16 CiTi Converter DNA Methylation instant kit	Kit of reagents for bisulfite conversion and a prefilled 96 deep-well plate for automated, magnetic purification of converted DNA in the 16 samples per plate format. Contains ready-to-use, reagent-filled plates and all necessary consumables.	027A-16U-64	64 isolations
		027A-16V-64	64 isolations
		027A-16U-256	256 isolations
		027A-16V-256	256 isolations
MagnifiQ™ CiTi Converter DNA Methylation Kit	Complete kit for efficient conversion and preparation of converted DNA for methylation research. Purification method using magnetic beads.	027MB-50	50 reactions
		027MB-250	250 reactions
CiTi Converter DNA Methylation Kit	Complete kit for efficient conversion and purification of converted DNA for methylation research.	027-50	50 reactions
		027-250	250 reactions
Fast CiTi Converter DNA Methylation Kit	Complete kit for efficient conversion and purification of converted DNA for methylation research. Contains ready to use Fast C/T reagent developed for a time-saving and convenient conversion process.	027F-50	50 reactions
		027F-200	200 reactions

PCR

name	description	cat. no.	size
CiTi Converter MSP PCR Kit	Kit for very accurate, methylation-specific PCR.	1080-100	100 reactions in 50 µl
Sensitive CiTi Mix EvaGreen®	High specificity ready-to-use mix for real-time Hot Start PCR with EvaGreen®. Optimized for epigenetics analysis by HRM technique. 2x concentrated.	2017CT-200	200 reactions in 20 µl

Protein analysis

name	description	cat. no.	size
Protein Precipitation Kit	Kit for protein concentration in denaturing conditions.	1013-50	50 reactions
		1013-250	250 reactions

Enzymes

Lytic enzymes

name	description	cat. no.	size
BacBreaker	Bacteria enzyme mix for lysis of Gram-negative and Gram-positive bacteria. Form: solution.	BACB-15A	1.5 ml
Lyticase (solution)	Mix of enzymes for efficient lysis of yeast cell wall. Form: solution. Concentration 10 U/μl.	1018-10	10 000 U
		1018-50	5 x 10 000 U
Lyticase (lyophilisate)	Mix of enzymes for efficient lysis of yeast cell wall. Form: lyophilisate.	1018-5L	5000 U
		1018-10L	10 000 U
Lysostaphin (solution)	Enzyme for specific lysis of <i>Staphylococcus spp.</i> cell wall. Form: solution. Concentration 15 U/μl.	1007-3	3000 U
		1007-15	15 000 U
Lysostaphin (lyophilisate)	Enzyme for specific lysis of <i>Staphylococcus spp.</i> cell wall. Form: lyophilisate 5 mg, activity > 3000 U/mg.	1007-15L	15 000 U
Lysozyme	Enzyme for lysis of Gram-negative and Gram-positive bacteria. Form: solution. Concentration 10 mg/ml.	1005-10	1 ml
		1005-50	5 x 1ml
Mutanolysin, recombinant (solution)	Enzyme for digesting the cell wall of Gram-positive bacteria especially resistant to lysis. including: <i>Streptococcus</i> , <i>Enterococcus</i> , <i>Lactobacillus</i> , <i>Lactococcus</i> and <i>Listeria</i> . Form: solution, concentration 10 U/μl. Activity > 10000 U/mg.	1017-5	5000 U
		1017-10	10 000 U
		1017-50	50 000 U
Mutanolysin, recombinant (lyophilisate)	Enzyme for digesting the cell wall of Gram-positive bacteria especially resistant to lysis. including: <i>Streptococcus</i> , <i>Enterococcus</i> , <i>Lactobacillus</i> , <i>Lactococcus</i> and <i>Listeria</i> . Form: solution, concentration 10 U/μl. Activity > 10000 U/mg.	1017-10L	10 000 U
		1017-50L	5 x 10 000 U
Proteinase K (solution)	Enzyme for digesting proteins in biological samples. Form: solution, concentration 20 mg/ml, activity ≥ 30 U/mg.	1019-20	1 ml
		1019-20-5	5 x 1 ml
Proteinase K (lyophilisate)	Enzyme for digesting proteins in biological samples. Form: lyophilisate, activity ≥ 30 U/mg.	1019-25L	25 mg
		1019-100L	100 mg
		1019-250L	250 mg
		1019-1L	1 g

Nucleases

name	description	cat. no.	size
DNAse	Recombinant DNAse I, RNase free. Form: solution, Concentration: 10 U/μl.	1019-10	1000 U
		1019-100	10 000 U
Tornado™ DNAse	Recombined engineered DNAse I with increased processivity. Concentration: 2 U/μl.	1019-10T	1000 U
		1019-50T	5000 U
RNAse	Nuclease for RNA degradation, DNAse free. Form: solution, Concentration: 10 mg/ml.	1006-10	1 ml
		1006-50	5 x 1 ml
Exonuclease I	Recombinant enzyme that degrades single-stranded DNA in the 3'-5' direction. Form: solution, concentration 5 U/μl.	1020-1	1000 U
		1020-5	5000 U
Exonuclease V (RecBCD)	Recombinant enzyme that cleaves linear single-stranded and double-stranded DNA in both 3' to 5' and 5' to 3' directions. Concentration 10 U/μl.	1036-1000	1000 U
		1036-5000	5000 U
Viscolase	Highly efficient nuclease degrading DNA and RNA. Reduces viscosity of the protein preparations. Form: solution, concentration 250 U/μl.	1010-25	25 000 U
		1010-100	100 000 U

Polymerases

name	description	cat. no.	size
RUN DNA polymerase	<i>Taq</i> DNA polymerase with the reaction buffer. Form: solution, concentration 1 U/μl.	1001-200	200 U
		1001-1000	1000 U
RUN 5 DNA polymerase	<i>Taq</i> DNA polymerase with the reaction buffer. Form: solution, concentration 5 U/μl.	1001-200-5	200 U
		1001-1000-5	1000 U
RUN-HS DNA polymerase	Hot Start <i>Taq</i> DNA polymerase with reaction buffer. Blocked with anti- <i>Taq</i> monoclonal antibody (mAb). Form: solution, concentration 1 U/μl.	1001-200H	200 U
		1001-1000H	1000 U
RUN-HS 5 DNA polymerase	Hot Start <i>Taq</i> DNA polymerase with reaction buffer. Blocked with anti- <i>Taq</i> monoclonal antibody (mAb). Form: solution, concentration 5 U/μl.	1001-200H-5	200 U
		1001-1000H-5	1000 U
WALK DNA polymerase	<i>Pwo</i> DNA polymerase with a reaction buffer. It has a proofreading activity. Form: solution, concentration 1 U/μl.	1002-200	200 U
		1002-1000	1000 U
Klenow fragment exo-	Fragment of polymerase I from <i>E. coli</i> . Form: solution, concentration 5 U/μl.	1012-300	300 U
T4 DNA polymerase	Reaction buffer included. Form: solution, concentration 3 U/μl.	1031-100	100 U
		1031-500	500 U
T7 RNA polymerase	Recombinant T7 phage RNA polymerase. Form: solution, concentration 20 U/μl.	1014-5	5000 U

Other enzymes

name	description	cat. no.	size
hUDG (human uracil DNA glycosylase)	Thermolabile enzyme for PCR mixtures to protect against contamination of PCR products. Form: solution, concentration 1 U/μl.	1026-200	200 U
		1026-1000	1000 U
		1108-25	25 reactions
Liga5™	5-minute ligation kit. For sticky-end or blunt-end DNA.	1108-50	50 reactions
		1108-150	150 reactions
T4 ligaza DNA	Enzyme for efficient ligation of both cohesive and blunt ended dsDNA. Form: solution, concentration 1 U/μl.	1004-200	200 U
		1004-1000	1000 U
Pirofosfataza drożdżowa	Enzyme catalyzes the hydrolysis of inorganic pyrophosphate to form orthophosphate. Increases the yield of polymerization reactions of DNA and RNA. Form: solution, concentration 0.1 U/μl.	1011-100	10 U
Thermo PNK	Thermostable polynucleotide kinase Form: solution, concentration 10 U/μl.	1016-50	500 U

Molecular weight markers

name	description	cat. no.	size
DNA Marker 1	Range: 100-1000 bp. Concentration: 0.1 µg/µl	3000-500	100 applications
DNA Marker 2	Range: 50-1000 bp. Concentration: 0.1 µg/µl	3005-500	100 applications
DNA Marker 2+	Range: 50-1000 bp. Concentration: 0.1 µg/µl	3036-500	100 applications
DNA Marker 3	Range: 100-3000 bp. Concentration: 0.1 µg/µl	3000-500	100 applications
DNA Marker Lambda/Ava II	Range: 151-8126 bp. Concentration: 0.1 µg/µl.	3520-500	100 applications
DNA Marker Lambda/BstE II	Range: 702-8454 bp. Concentration: 0.1 µg/µl.	3510-500	100 applications
DNA Marker Lambda/Hind III	Range: 564-23 130 bp. Concentration: 0.1 µg/µl.	3500-500	100 applications
DNA Marker Lambda/Pst I	Range: 150-14 057 bp. Concentration: 0.1 µg/µl.	3530-500	100 applications
DNA Marker pUC/Mix	Range: 19-1118 bp. Concentration: 0.1 µg/µl.	3015-500	100 applications
DNA Marker pUC/Msp I	Range: 26-501 bp. Concentration: 0.1 µg/µl	3010-500	100 applications
RNA Marker 1 RTU	Range: 100-1000 bp. Concentration: 0.5 µg/µl.	3800-100	100 applications

Molecular biology reagents

name	description	cat. no.	size
Loading buffer for agarose electrophoresis	6x concentrated sample loading buffer for DNA agarose electrophoresis. Dyes: bromophenol blue, xylene cyanol.	5000-5	5 x 1 ml
		2010-5	5 g
DTT	Dithiothreitol. Form: lyophilisate.	2010-25	25 g
		2010-10P	10 x 154 mg
DTT RTU	Dithiothreitol. Form: lyophilisate. Dissolving in 1 ml of water results in 1 M solution.	2003-1	1 g
		2003-5	5 g
		2003-25	25 g
IPTG	Synthetic analog of galactose that induces expression of <i>E.coli lac</i> operon. Form: lyophilisate.	2003-15S	10 x 1.5 ml
IPTG RTU	Synthetic analog of galactose that induces expression of <i>E.coli lac</i> operon. Form: solution. Concentration: 100 mM.		
labZAP™	Universal cleaning agent for laboratory surfaces. Removes DNAses, RNAses and nucleic acids residues. Deactivates bacteria and viruses.	3040-500	500 ml
Sterile water	Nuclease free. DEPC treated.	003-075	5 x 1.5 ml
		003-25	5 x 5 ml
		003-500	500 ml
		003-575	25 x 1.5 ml
Ultrapure water	Molecular biology grade. Nuclease-free. Not treated with DEPC	005-15	1.5 ml
		005-5	5 ml
		005-515	5 x 1.5 ml
		005-55	5 x 5 ml
		005-1015	10 x 1.5 ml
		005-100	100 ml
		005-250	250 ml
		005-500	500 ml
X-Gal	Substrate for detecting the activity of β -galactosidase. Form: lyophilisate.	005-2515	25 x 1.5 ml
		005-10015	100 x 1.5 ml
X-Gal RTU	Substrate for detecting the activity of β -galactosidase. Form: solution. Concentration: 20 mg/ml.	2004-1	1 g
		2004-3	3 g
X-Gal RTU	Substrate for detecting the activity of β -galactosidase. Form: solution. Concentration: 20 mg/ml.	2004-10S	10 x 1 ml

Laboratory equipment and accessories

name	description	cat. no.	size
Protective film for 96-well plates	Protective film designed to protect 96-well plates containing lysates or eluates during nucleic acid isolation.	K-MQF-100	100 pcs
		K-MQF-200	200 pcs
		K-MQF-500	500 pcs
Gravity flow rack	Rack for kits based on Gravity flow technology. Made of plastic.	008-1	1 pc
Plasmid Maxi AX Sil rack	Rack for Plasmid Maxi AX Sil kit. Made of plastic.	008-2	1 pc
Single tank rack for Auto-Pure Mini, Auto-Pure S32	Rack for kits based on magnetic automatic technology. For use with devices: Auto-Pure Mini, Auto-Pure S32. Made of plastic.	008-3	1 pc
Magnetic rack	Magnetic rack for manual nucleic acid extraction. Made of metal.	008-4	1 pc



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