

Electrophoresis Products



Product	Description	Cat. Nº*
D1, E, Standard	Suitable for nucleic acid electrophoresis, blotting and radial immunodiffusion of proteins	8016, 8015, 8022, 8027, 8103
D (D2, D5)	Useful for wide range of applications such as nucleic acid and proteins, electrophoresis, agarose beads preparation, crossed immunoelectrophoresis, PFGE.	8038, 8047
LM	Low melting point agaroses, allow the recovery of undamaged nucleic acids at a temperature lower than their denaturing temperature	8052
MS (4,6,8,12)	High (DNA) resolution agaroses. Used for an improved resolution of DNA fragments of ≤ 500 bp, especially sized-primer fragments.	8077, 8004, 8064, 8069
FPD-DNA	Powerful tool for laboratories performing forensic testing, paternity determination, cell line verification and tissue typing	8093

* For other pack sizes contact with our commercial department

PRONASUB MINI	Three tray options 7x7cm, 7x10cm and Duo.	CE100/CE101/CE102
PRONASUB MIDI'	Three tray options 10x7cm, 10x10cm and Duo	CE103/CE104/CE105
PRONASUB PLUS	Wide tray range: 15x7, 15x10, 15x15cm and Trio	E106/CE107/CE108/CE109
PRONASUB MAXI	Resolution of high number of samples	CE112/CE114/CE115/CE116
PRONASUB SCREEN	Rapid Screening of large number of samples	CE117/CE118/CE119/CE120
MINIFAST	Completely self contained system for quick check of samples	CE121
COMET	Single Cell Gel Electrophoresis	CE132/CE133/CE134/CE135
CELLULOSE-ACETATE SYSTEM	For use in diagnostic tests	CE137

PRONAPAGE MINI	Preferred unit for routine protein mini-electrophoresis	CE200/CE201
PRONAPAGE MINI WIDE	20cm Width, for those with >20 samples to compare	CE204/CE205
PRONAPAGE MAXI	Up to 300 samples per run	CE215/CE216/CE227/CE228
PRONAPAGE MODULAR SYSTEMS	For multiple electr. techniques (10x10, 10x20 & 20x20 cm)	
FLATBED IEF SYSTEM	Full range of IEF flat bed techniques. Inc. enhanced cooling	

ELECTROBLOTTING MODULAR SYSTEMS	Complete Mini/Wide/Maxi gel casting running and electroblotting systems	CE301/CE302
STAND ELECTROBLOTTERS	Up to 5 gel blot cassettes used at any one time	CE307/CE308
CAPILLARY BLOTTING	Side by side transfer of multiple gels in a single set up	CE313/CE314
SEMI DRY BLOTTERS	For Western, Southern or Northern blotting	CE309/CE310/CE311/CE312
DOT AND SLOT BLOTTERS	Clone/Immunological screening in Southern/Northern/Western	CE315/CE316/CE317/CE318
LARGE FORMAT VERTICAL	Enhanced gel resolution and easy to use	CE236/CE237

PRONA MINI	Ultra compact power supplies with dual outlets	CE318/CE319
PRONA MIDI'	Ideal for routine horizontal and mini vertical electrophoresis	CE320/CE321
PRONA MAXI	Programmable, high performance, easy to operate supplies	CE321/CE322

MIDI/ MAXI GEL DRYER	21 x 31cm and 35 x 45cm drying areas	CE239/CE240
GELMASTER VACUUM PUMP	Vapour trap + High efficiency diaphragm pump	CE241

GEL LEVELLING TABLE	Useful way to pour gels of uniform thickness	
BUFFER SAVE BLOCKS	Reduce the volume in positive and negative compartments	
COMB-COMB/LOADING GUIDES	Combine the convenient comb with the appropriate guide	
GEL PLATFORM AND COOLPACK	Unique. Cool the chambers without external chilling	
EXTENSIVE RANGE OF COMBS	Full range of combs with four thicknesses and colour coded	

PRONASAFE NUCLEIC ACID STAIN SOLUTION	Used for DNA and RNA detection. Non mutagenic, non carcinogenic. Better resolution than ethidium bromide	CK130
PRONAWEST WESTERN BLOOD DETECTION	Detection of immobilized specific antigens through horseradish peroxidase labeled antibodies. Just spray on the membrane. No need to mix AB solutions	CK137



Product Guide

for Molecular Biology

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DNA Isolation Guide

	Product	Sample /Volume Sample	When to use	Advantages/ Observations	Isolation Method
Genomic DNA	PRONAPURE CK108-50/50SE/200/200SE	All types of samples: cultured cells, animal tissues, mouse tail, paraffin-embedded tissues, bacteria, yeast, body fluids (saliva, serum,etc), hair, bloodstain.	Works for any sample type. Ask our lab for the appropriate protocol	No toxic reagents used. Method is scalable. Rapid and inexpensive.	BUFFER SOLUTIONS
	PRONAPURE DNA "BSS" CK104-50/100	Blood: 5 µl to 10 ml. Saliva: 100 µl to 5 ml. Semen: 100 µl to 5 ml.	Large volumes of whole blood, saliva and semen.	No toxic reagents used. Method is scalable. Rapid and inexpensive.	BUFFER SOLUTIONS
	PRONAPURE PLANTS & FUNGI CK109-50/50SE/200/200SE	Plants and fungi: 20 mg to 500 mg.	Large samples of plants and fungi. It contains a PVP solution to remove polysaccharides or phenolic compounds.	No toxic reagents used. Method is scalable. Rapid and inexpensive.	BUFFER SOLUTIONS
	PRONAPURE SPIN CK110-50/250	All types of samples: cultured cells, animal tissues, mouse tail, paraffin-embedded tissues, bacteria, yeast, body fluids (saliva, serum,etc), hair, bloodstain.	Works for any sample type. Ask our lab for the appropriate protocol	High quality DNA obtained that can be directly used in PCR, Southern, any enzymatic reaction, cloning, etc.	SPIN COLUMNS
	PRONAPURE SPIN FOOD - STOOL CK112-50/250	Total DNA from food and stool samples: Up to 200 mg.	Rapid purification of high quality DNA, low amounts of partially degraded DNA can be purified from complex matrices.	Complete removal of PCR inhibitors. Detection of specific DNA in animals, of GMO in food products, DNA isolation from fecal specimens.	SPIN COLUMNS
	PRONA PURE SPIN FOOD STOOL - BACTERIA CK111-50/250	Bacterial DNA: 1.5 ml of culture medium.	To isolate PCR ready bacterial DNA from pre-enrichment or enrichment cultures from different food samples and stool samples.	PCR and Real Time PCR ready DNA. Complete removal of PCR inhibitors. Includes Proteinase K and Lysozyme.	SPIN COLUMNS
Viral DNA/RNA	PRONAPURE SPIN VIRAL DNA/RNA CK113	200 µl serum, plasma and cell-free biologicals fluids.	For fast manual simultaneous isolation of viral nucleic acids.	High quality viral DNA/RNA obtained that can be directly used in PCR or RT-PCR.	SPIN COLUMNS
Plasmid DNA	PRONA PURE MINIPREP CK114	1.5-3.0 ml culture volume.	Very useful in inserts screenings of recombinant bacteria colonies.	Fast, simple and economical method.	BUFFER SOLUTIONS
	PRONAPLASMINI MINIPREP CK115-50/250	1.5-3.0 ml culture volume.	The plasmidic DNA can be used in PCR, restriction analysis, subcloning, transforming and sequencing by capillary electrophoresis	No toxic reagents used. Fast and simple method.	SPIN COLUMNS
	PRONAPLASMID MIDI/ MAXIPREP CK115-20	25 - 150 ml culture volume.	Technician selects appropriate size of bacterial culture.	No toxic reagents used. Fast and simple method.	SPIN COLUMNS
	PRONAPLASMID HIGH PURITY MIDI/ MAXIPREP CK116-25/10	MIDI (25ml high-copy plasmids / 100ml low-copy plasmids). MAXI (100ml high-copy plasmids / 500ml low-copy plasmids).	To isolate high purity transfection grade plasmid DNA from bacterial cell lysates.	Each kit includes gravity-flow columns and all the necessary reagents for ultrapure plasmid purification. Includes specialized filters to optimally remove cellular debris from lysates.	SPIN COLUMNS

RNA Isolation Guide

	Product	Sample /Volume Sample	When to use	Advantages/ Observations	Isolation Method
Total RNA	PRONATOTAL RNA TISSUES AND CELLS CK117SE	Tissues: 5 to 100 mg Cells: 100 to 10x10 ⁶	The method can be scaled. Rapid and inexpensive.	No toxic reagents used.	BUFFER SOLUTIONS
	PRONATOTAL RNA TISSUES CELLS "STAR" CK117	Tissues: 5 to 100 mg Cells: 100 to 10x10 ⁶	Specially designed for RT-PCR. Includes all the necessary reagents to remove contaminant DNA.	No toxic reagents used.	BUFFER SOLUTIONS
	PRONATOTAL RNA SPIN PLUS CK120	Biological fluids (serum, plasma, saliva, etc), bacteria, yeast, paraffin-embedded tissue and reactions cleaning.	High quality RNA is obtained. DNA-free total RNA .	Total RNA prepared can be used in applications such as RT-PCR, Northern, primer extension, array technology and Rnase protection.	SPIN COLUMNS
	PRONATOTAL RNA BACTERIA AND YEAST CK118SE	Bacteria: 1 ml ; 10 ⁷ Yeast: 1ml ; 10 ⁷	Rapid and inexpensive.	No toxic reagents used.	BUFFER SOLUTIONS
	PRONATOTAL RNA BACTERIA AND YEAST "STAR" CK118	Bacteria: 1 ml ; 10 ⁷ Yeast: 1ml ; 10 ⁷	Specially designed for RT-PCR. Includes all the necessary reagents to remove contaminant DNA.	No toxic reagents used.	BUFFER SOLUTIONS
	PRONATOTAL RNA SPIN BLOOD CK121	Blood: 300 µl	High quality RNA is obtained. DNA-free total RNA .	Contains a Stabilizing Solution which allows safe transport from the collecting place to the laboratory.	SPIN COLUMNS
	PRONATOTAL RNA SPIN PLANTS AND FUNGI CK122	Plants and Fungi: <100 mg	High quality RNA is obtained. DNA-free total RNA .	Contains a PVP solution to remove carbohydrates and polyphenols and 2 differents Lysis Solutions.	SPIN COLUMNS
	PRONATOTAL RNA SPIN DNA/ RNA Kit CK125	Cultured animal cells, tissue samples, blood, bacteria, yeast, fungi, biologicals fluids and plants.	Rapid method for the isolation and purification genomic DNA and total RNA simultaneously from a single sample.	Analysis will be more reliable since the RNA and DNA are derived from the same sample. The kit purifies all sizes of RNA, from large mRNA and ribosomal RNA down to microRNA and small interfering RNA	SPIN COLUMNS
	ARNZOL Kit CK124	Cultured animal cells, tissue samples, blood, bacteria, yeast, fungi, biologicals fluids and plants.	The kit purifies all sizes of RNA, from large mRNA and ribosomal RNA down to microRNA (miRNA) and small interfering RNA (siRNA).	Rapid and very economical method. Does not eliminate the genomic DNA.	SPIN COLUMNS
	PRONASTAR MIDI/ MAXIPREP CK119	Total RNA from all types of samples.	To remove contaminant DNA from RNA samples and for removing the DNase after the treatment.	Fast and easy method. The DNase removal step takes place in just 3 minuts.	BUFFER SOLUTIONS
Micro RNA	PRONATOTAL MICRORNA Kit CK123	Cultured animal cells, tissue samples, blood, bacteria, yeast, fungi, biologicals fluids and plants.	Rapid and efficient method for the isolation and purification of small RNA molecules (<200 nt). These small RNAs include regulatory RNA molecules such as microRNA (miRNA) and short interfering RNA (siRNA).	Most commercial RNA purification kits do not recover RNA molecules smaller than < 200 nucleotides, using an approach consisting of two sequential filtrations with different ethanol concentrations, an RNA fraction highly enriched in RNA species < 200 nucleotides can be obtained.	SPIN COLUMNS

	Product	Sample /Volume Sample	When to use	Advantages/ Observations	Isolation Method
DNA fragments	PRONACLEAN MATRIX CK101	PCR fragments. DNA from agarose gel. DNA concentration.	Fast clean-up of PCR fragments 100 bp to 10 Kb Gel extraction of DNA fragments 200 pb to 50 Kb Concentration and salts removal of DNA in solutions	Organic solvents are not used Simple and economical method The protocol is done in 30 minutes	SILICA MATRIX
	PRONACLEAN SPIN CK102/ CK103	PCR fragments. DNA from agarose gel. DNA concentration.	Fast clean-up of PCR fragments 100 bp to 10 Kb Gel extraction of DNA fragments 200 pb to 10 Kb Concentration and salts removal of DNA in solutions	Organic solvents are not used. It uses Spin columns, fast and rapid method. The protocol is done in 10 minutes	SPIN COLUMN
	PRONASPIN DTR CK131/ CK131XL	10 - 75 µl.	Remove dideoxy terminators and unincorporated dye-labelled nucleotides from sequencing reactions, in advance of analysis in automatic sequencers	Prehydrated matrix ready to use	SPIN COLUMN
DNA High Throughput	PRONAPURE SPIN 96 GENOMIC DNA CK107-96/ CK107-4-96	Animal tissue: 20 mg Mouse Tail: 20 mg Culture cells: up to 5x 10 ⁶ . Blood: 200 µl Body fluids: 200 µl	96-well microplate format for fast and simple preparation of genomic DNA from different samples	Manual or completely automated processing in liquid handling systems	SPIN COLUMNS
	PRONAPURE SPIN ANIMAL BLOOD 384 CK106	Blood: 20 µl	For fast manual or automation genomic DNA isolation from animal whole blood using 384 well microplates	Each kit includes the reagents to process six 384-well microplates (not includes in the kit) around 2304 samples	SPIN COLUMNS
	PRONATURBO 96 MICROPLATE CK132-96/ CK132-4-96	PCR fragments	96-well microplate format for a fast and efficient contaminants removal from the PCR products	Allows processing from 1 to 96 samples. Flexible method, the protocol can be done manually with a vacuum system or a centrifuge for microplates, or automatically in liquid handling robots.	ULTRA-FILTRATION MEMBRANE
Genomic DNA Amplification	PRONATURBO TISSUES AND CELLS CK127	Animal tissue, mouse tail, cultured cells and hair shaft	Allows a fast extraction of PCR ready genomic DNA in just 15 minutes	Includes all necessary reagents for doing the whole process, even a ready to use HOT STAR polymerase	BUFFER SOLUTIONS
	PRONATURBO BUCALL CELLS CK129	Bucal Cells	Easy and economical method for collecting and preparing PCR ready genomic DNA	Includes all necessary reagents for the sample collection and transport (buccal swab), the DNA isolation and the amplification reaction (HOT STAR Polymerase)	BUFFER SOLUTIONS
	PRONATURBO BLOOD CK128	Blood: 5 µl Stain blood Semen: 5 µl	Allows a fast extraction of PCR ready genomic DNA in just 5 minutes	Includes all necessary reagents for doing the whole process, even a ready to use HOT STAR polymerase	BUFFER SOLUTIONS
Reagents	DNA REMOVE CK133	A detergent mixture used to remove DNA & RNA from working surfaces	Degrades contaminant DNA & RNA at PCR sensitivity levels	Works by contact and is supplied with an applicator to be vaporized	
	RNASE REMOVE CK144	Removes RNase contamination from glasses or plastic surfaces	Degrades contaminant RNase	Works by contact and is supplied with an applicator to be vaporized	
	NUCLEASE FREE WATER CK135/CK136	Water for molecular biology applications	Water for PCR and DNA/ RNA isolation	It is deionized, autoclaved, filtered and non-treated by DEPC	