

Anatolia Geneworks

Food Safety

Product List



Anatolia
geneworks



GMO Testing

Real-Time PCR Kits



The Truth Lies Within the Code

The global expansion of genetically modified crops has raised the demand for accurate monitoring and transparent labeling to ensure food safety. Real-Time PCR stands out as the gold standard, directly targeting modified DNA with high sensitivity and reliability across raw materials and processed products.

Bosphore GMO Testing Kits cover every step of analysis—from plant species identification to GMO screening and event-specific detection or quantification. With validated workflows and ready-to-use master mixes, they deliver precise, sensitive, and reproducible results for food, feed, seed, and additives.

PLANT SPECIES DETECTION		25 rxn	50 rxn	100 rxn
Bosphore Plant Detection Kit v2		ABPDK1	ABPDK2	ABPDK3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Plant Detection Kit v3		ABPDK4	ABPDK5	ABPDK6
Internal Control	Ready to Use PCR Master Mix			
Bosphore Soy Species Detection Kit v1		ABSOY1	ABSOY2	ABSOY3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Corn/Maize Species Detection Kit v1		ABCOM1	ABCOM2	ABCOM3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Cotton Species Detection Kit v1		ABCOT1	ABCOT2	ABCOT3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Sugar Beet Species Detection Kit v1		ABSBE1	ABSBE2	ABSBE3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Oilseed Rape Species Detection Kit v1		ABOSR1	ABOSR2	ABOSR3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Maize-Soy-Cotton Species Detection Kit v1		ABMSC1	ABMSC2	ABMSC3
Internal Control Multiplex Single Tube	Ready to Use PCR Master Mix			
Bosphore Maize-Soy Species Detection Kit v1		ABMSD1	ABMSD2	ABMSD3
Internal Control Multiplex Single Tube	Ready to Use PCR Master Mix			
Bosphore Rice Species Detection Kit v1		ABRIC1	ABRIC2	ABRIC3
Internal Control	Ready to Use PCR Master Mix			

GMO Testing Real-Time PCR Kits

GMO DETECTION AND SCREENING

	25 rxn	50 rxn	100 rxn
Bosphore GMO Screening Kit (S35-tNOS-FMV-BAR) v1 Internal Control Ready to Use PCR Master Mix	ABALL1	ABALL2	ABALL3
Bosphore GMO Screening Kit (S35-tNOS-FMV) v3 Internal Control Multiplex Single Tube Ready to Use PCR Master Mix	ABSNF4	ABSNF5	ABSNF6
Bosphore GMO Detection Kit BAR v1 Internal Control Ready to Use PCR Master Mix	ABBAR1	ABBAR2	ABBAR3
Bosphore GMO Detection Kit FMV v1 Internal Control Ready to Use PCR Master Mix	ABFMV1	ABFMV2	ABFMV3
Bosphore GMO Detection Kit tNOS v1 Internal Control Ready to Use PCR Master Mix	ABNOS1	ABNOS2	ABNOS3
Bosphore GMO Detection Kit S35 v1 Internal Control Ready to Use PCR Master Mix	ABS351	ABS352	ABS353
Bosphore GMO Soy Event Multiplex Detection Kit 1 (MON87701, MON87708, MON87769) Internal Control Multiplex Single Tube Ready to Use PCR Master Mix	AB1SE1	AB1SE2	AB1SE3
Bosphore GMO Soy Event Multiplex Detection Kit 2 (CV127, DP-305423-1, DAS-68416-4) Internal Control Multiplex Single Tube Ready to Use PCR Master Mix	AB2SE1	AB2SE2	AB2SE3
Bosphore GMO Soy Event Multiplex Detection Kit 3 (DAS-81419-2, DAS-44406-6) Internal Control Multiplex Single Tube Ready to Use PCR Master Mix	AB3SE1	AB3SE2	AB3SE3
Bosphore GMO TC1507 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB1501	AB1502	AB1503
Bosphore GMO TC1507 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB1504	AB1505	AB1506
Bosphore GMO 281-24-236 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB2811	AB2812	AB2813
Bosphore GMO 281-24-236 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB2814	AB2815	AB2816
Bosphore GMO DAS59122 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB5911	AB5912	AB5913

GMO Testing Real-Time PCR Kits

	25 rxn	50 rxn	100 rxn
Bosphore GMO DAS59122 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB5914	AB5915	AB5916
Bosphore GMO MIR604 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB6041	AB6042	AB6043
Bosphore GMO MIR604 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB6044	AB6045	AB6046
Bosphore GMO MON88017 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8801	AB8802	AB8803
Bosphore GMO MON88017 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8804	AB8805	AB8806
Bosphore GMO MON89034 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8901	AB8902	AB8903
Bosphore GMO MON89034 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8904	AB8905	AB8906
Bosphore GMO MON89788 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8971	AB8972	AB8973
Bosphore GMO MON89788 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8974	AB8975	AB8976
Bosphore GMO GTS 40-3-2 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	ABGTQ1	ABGTQ2	ABGTQ3
Bosphore GMO GTS 40-3-2 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	ABGTD1	ABGTD2	ABGTD3
Bosphore GMO DAS-68416-4 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB68Q1	AB68Q2	AB68Q3
Bosphore GMO DAS-68416-4 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB68D1	AB68D2	AB68D3
Bosphore GMO DAS-81419-2 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB81Q1	AB81Q2	AB81Q3
Bosphore GMO DAS-81419-2 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB81D1	AB81D2	AB81D3

GMO Testing Real-Time PCR Kits

	25 rxn	50 rxn	100 rxn
Bosphore GMO DAS-44406-6 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB44Q1	AB44Q2	AB44Q3
Bosphore GMO DAS-44406-6 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB44D1	AB44D2	AB44D3
Bosphore GMO DAS-40278-9 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB40Q1	AB40Q2	AB40Q3
Bosphore GMO DAS-40278-9 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB40D1	AB40D2	AB40D3
Bosphore GMO GHB 614 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB6141	AB6142	AB6143
Bosphore GMO GHB 614 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB6144	AB6145	AB6146
Bosphore GMO DP305423-1 Quantification v1 Ready to Use Event-Specific PCR Master Mix	AB3051	AB3052	AB3053
Bosphore GMO DP305423-1 Detection v1 Ready to Use Event-Specific PCR Master Mix	AB3054	AB3055	AB3056
Bosphore GMO 3006-210-23 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB3001	AB3002	AB3003
Bosphore GMO 3006-210-23 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB3004	AB3005	AB3006
Bosphore GMO MON87708 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7081	AB7082	AB7083
Bosphore GMO MON87708 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7084	AB7085	AB7086
Bosphore GMO MON87701 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7011	AB7012	AB7013
Bosphore GMO MON87701 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7014	AB7015	AB7016
Bosphore GMO CV127 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB1271	AB1272	AB1273
Bosphore GMO CV127 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB1274	AB1275	AB1276

GMO Testing Real-Time PCR Kits

	25 rxn	50 rxn	100 rxn
Bosphore GMO MON87769 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7691	AB7692	AB7693
Bosphore GMO MON87769 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7694	AB7695	AB7696
Bosphore GMO A2704-12 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	ABA2Q1	ABA2Q2	ABA2Q3
Bosphore GMO A2704-12 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	ABA2D1	ABA2D2	ABA2D3
Bosphore GMO LLRICE62 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB62Q1	AB62Q2	AB62Q3
Bosphore GMO LLRICE62 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB62D1	AB62D2	AB62D3
Bosphore GMO MON87751 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7511	AB7512	AB7513
Bosphore GMO MON87751 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB7514	AB7515	AB7516
Bosphore GHB 811 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8111	AB8112	AB8113
Bosphore GHB 811 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB8114	AB8115	AB8116
Bosphore DP073496 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB0731	AB0732	AB0733
Bosphore DP073496 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB0734	AB0735	AB0736
Bosphore GMO MON94100 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB94D1	AB94D2	AB94D3
Bosphore GMO MON94100 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB94Q1	AB94Q2	AB94Q3
Bosphore GMO DP23211 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB23D1	AB23D2	AB23D3
Bosphore GMO DP23211 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB23Q1	AB23Q2	AB23Q3

GMO Testing Real-Time PCR Kits

	25 rxn	50 rxn	100 rxn
Bosphore GMO DP915635 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB91D1	AB91D2	AB91D3
Bosphore GMO DP915635 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB91Q1	AB91Q2	AB91Q3
Bosphore GMO MON87419 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB19D1	AB19D2	AB19D3
Bosphore GMO MON87419 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB19Q1	AB19Q2	AB19Q3
Bosphore GMO A5547-127 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	ABA5Q1	ABA5Q2	ABA5Q3
Bosphore GMO A5547-127 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	ABA5D1	ABA5D2	ABA5D3
Bosphore GMO Bt11 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	ABBTQ1	ABBTQ2	ABBTQ3
Bosphore GMO Bt11 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	ABBTQ1	ABBTQ2	ABBTQ3
Bosphore GMO DP356043-5 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	AB43Q1	AB43Q2	AB43Q3
Bosphore GMO DP356043-5 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	AB43D1	AB43D2	AB43D3
Bosphore GMO GA21 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	ABG2Q1	ABG2Q2	ABG2Q3
Bosphore GMO GA21 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	ABG2D1	ABG2D2	ABG2D3
Bosphore GMO NK603 Quantification Kit v1 Ready to Use Event-Specific PCR Master Mix	ABNKQ1	ABNKQ2	ABNKQ3
Bosphore GMO NK603 Detection Kit v1 Ready to Use Event-Specific PCR Master Mix	ABNKD1	ABNKD2	ABNKD3



Species Identification

Real-Time PCR Kits



You Are What You Eat

Adulteration and content analysis in the meat industry are important for public health. Real-Time PCR method provides an advantage over other methods with its high sensitivity, accuracy, and fast results in the determination of closely related species.

Bosphore Species Identification Kits have different sensitivity values designed according to the area of use. Bosphore Species Identification v1 kits with 0.1% sensitivity are designed for analyzes requiring higher sensitivity. Reliable results can be obtained with Bosphore Species Identification v3 kits with 1% sensitivity in cases where eggs and poultry meat should not be included in the analysis due to the content requirement.

MEAT SPECIES IDENTIFICATION		25 rxn	50 rxn	100 rxn
Bosphore Vegan Detection Kit v1		ABVDK1	ABVDK2	ABVDK3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Bovine Gender Quantification Kit v1		ABBGQ1	ABBGQ2	ABBGQ3
Ready to Use PCR Master Mix				
Bosphore Species Identification Kit Pork v1		ABPOR1	ABPOR2	ABPOR3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Bovine v1		ABBOV1	ABBOV2	ABBOV3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Water Buffalo v1		ABWBU1	ABWBU2	ABWBU3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Fish v1		ABFIS1	ABFIS2	ABFIS3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Primate v1		ABPRI1	ABPRI2	ABPRI3
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Chicken v1		ABCHI1	ABCHI2	ABCHI3
Internal Control	Ready to Use PCR Master Mix			

Species Identification Real-Time PCR Kits

	25 rxn	50 rxn	100 rxn
Bosphore Species Identification Kit Chicken v3 Internal Control Ready to Use PCR Master Mix	ABCHI7	ABCHI8	ABCHI9
Bosphore Species Identification Kit Turkey v1 Internal Control Ready to Use PCR Master Mix	ABTUR1	ABTUR2	ABTUR3
Bosphore Species Identification Kit Turkey v3 Internal Control Ready to Use PCR Master Mix	ABTUR7	ABTUR8	ABTUR9
Bosphore Species Identification Kit Goat v1 Internal Control Ready to Use PCR Master Mix	ABGOA1	ABGOA2	ABGOA3
Bosphore Species Identification Kit Sheep v1 Internal Control Ready to Use PCR Master Mix	ABSHE1	ABSHE2	ABSHE3
Bosphore Species Identification Kit Horse v1 Internal Control Ready to Use PCR Master Mix	ABHOR1	ABHOR2	ABHOR3
Bosphore Species Identification Kit Donkey v1 Internal Control Ready to Use PCR Master Mix	ABDON1	ABDON2	ABDON3
Bosphore Species Identification Kit Dog v1 Internal Control Ready to Use PCR Master Mix	ABDOG1	ABDOG2	ABDOG3
Bosphore Species Identification Kit Horse-Donkey v1 Internal Control Ready to Use PCR Master Mix Multiplex Single Tube	ABHOD1	ABHOD2	ABHOD3
Bosphore Species Identification Kit Turkey-Chicken v1 Internal Control Ready to Use PCR Master Mix Multiplex Single Tube	ABTUC1	ABTUC2	ABTUC3
Bosphore Species Identification Kit Turkey-Chicken v3 Internal Control Ready to Use PCR Master Mix Multiplex Single Tube	ABTUC7	ABTUC8	ABTUC9
Bosphore Species Identification Kit Goat-Sheep v1 Internal Control Ready to Use PCR Master Mix Multiplex Single Tube	ABGOS1	ABGOS2	ABGOS3
Bosphore Species Identification Kit Bovine-Pork v1 Internal Control Ready to Use PCR Master Mix Multiplex Single Tube	ABBOP1	ABBOP2	ABBOP3
Bosphore Halal (Horse-Pork-Donkey) Kit v2 Internal Control Ready to Use PCR Master Mix Multiplex Single Tube	ABHAL4	ABHAL5	ABHAL6



Dairy Adulteration Real-Time PCR Kits



As Secure As Breast Milk

Adulteration is done by adding foreign or cheaper substances to foods or by replacing valuable ingredients. One of the most common examples of adulteration is the adulteration of milk from cheaper species such as cows with high economic value, such as water buffalo milk.

With the Bosphore Milk Species Identification Real-Time PCR Kits produced by Anatolia, it is possible to detect the presence of bovine, water buffalo, goat, and sheep DNA in milk and dairy product samples with 1% sensitivity.

DAIRY SPECIES IDENTIFICATION		25 rxn	50 rxn	100 rxn
Bosphore A1-A2 Genotyping Kit v1		ABA1A1	ABA1A2	ABA1A3
Internal Control	Ready to Use PCR Master Mix			
Multiplex Single Tube				
Bosphore Species Identification Kit Bovine v2		ABBOV4	ABBOV5	ABBOV6
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Water Buffalo v2		ABWBU4	ABWBU5	ABWBU6
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Goat v2		ABGOA4	ABGOA5	ABGOA6
Internal Control	Ready to Use PCR Master Mix			
Bosphore Species Identification Kit Sheep v2		ABSHE4	ABSHE5	ABSHE6
Internal Control	Ready to Use PCR Master Mix			



Food Safety Testing Real-Time PCR Kits



If It Is Not Safe, It Is Not Food

Foodborne pathogens have always been a major concern for public health. Surveillance and identification of the source of the outbreak can be a challenge. Food safety testing kits are used to detect harmful pathogens, contaminants, and allergens in food products to ensure the safety of consumption.

Real-Time PCR Kits play a vital role in preventing foodborne illnesses, protecting public health, and maintaining compliance with food safety regulations, especially by identifying harmful microorganisms.

FOOD PATHOGENS

	25 rxn	50 rxn
Bosphore Hepatitis A Detection Kit v2 Ready to Use PCR Master Mix	ABHAD4	ABHAD5
Bosphore Norovirus Detection Kit v2 Ready to Use PCR Master Mix	ABNOD4	ABNOD5
Bosphore <i>S. aureus</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABSAF1	ABSAF2
Bosphore <i>E. coli</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABECF1	ABECF2
Bosphore <i>E. coli</i> O157 Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABEOF1	ABEOF2

Food Safety Testing Real-Time PCR Kits

	25 rxn	50 rxn
Bosphore <i>B. cereus</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABBCF1	ABBCF2
Bosphore <i>C. perfringens</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABCPF1	ABCPF2
Bosphore <i>Campylobacter</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABBSF1	ABBSF2
Bosphore <i>Salmonella</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABBSF1	ABBSF2
Bosphore <i>Salmonella typhimurium</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABSTF1	ABSTF2
Bosphore <i>Salmonella enteritidis</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABSET1	ABSET2
Bosphore <i>L. monocytogenes</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABLMF1	ABLMF2
Bosphore <i>Shigella</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABSHF1	ABSHF2
Bosphore Staphylococcal Enterotoxins Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABSEF1	ABSEF2
Bosphore <i>C. botulinum</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABCBF1	ABCBF2
Bosphore <i>Vibrio</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABVFT1	ABVFT2
Bosphore Coagulase Positive <i>Staphylococci</i> Food Testing Kit v1 Internal Control Ready to Use PCR Master Mix Compatible with Fast Direct Extraction	ABCPS1	ABCPS2



Veterinary Products

Real-Time PCR Kits



Happy Livestock, Happy Life

In industrial livestock rearing, the health of stock must be kept at the top level not only because of animal welfare but also to minimize losses and costs. Infectious diseases are keen to spread to all animals, halting production, and requiring long treatment periods to recover. Regular scanning schemes against infectious diseases are a great way to prevent the spread. Real-Time PCR diagnosis tools as control measures are fast, simple, cost-efficient, and provide highly reliable results for the disease of interest.

Our Real-Time PCR-based veterinary diagnostic kits support the highest production efficiency by managing animal health. The growing product portfolio now offers solutions against Lumpy Skin Disease Virus (LSDV) and African Swine Fever Virus (ASFV).

VETERINARY PRODUCTS

	25 rxn	50 rxn	100 rxn
Bosphore LSDV Detection Kit v1	ABLSD1	ABLSD2	ABLSD3
Internal Control			
Ready to Use PCR Master Mix			
Bosphore ASFV Detection Kit v2	ABASF4	ABASF5	ABASF6
Internal Control			
Ready to Use PCR Master Mix			
Bosphore Avian Influenza Virus Typing Kit v1	ABAIN1	ABAIN2	ABAIN3
Internal Control			
Ready to Use PCR Master Mix			
Bosphore PRRSV Detection Kit v1	ABPSV1	ABPSV2	ABPSV3
Internal Control			
Ready to Use PCR Master Mix			



DNA/RNA Extraction Kits



First Stop, DNA/RNA Extraction

Separating the DNA, or RNA, from everything that makes up the cell via chemical and physical methods is the prerequisite for Nucleic Acid Testing. Obtaining pure and quality DNA from a complex and processed sample is the first challenge the laboratories must face.

Anatolia offers a wide selection of DNA/RNA extraction kits and systems to overcome these challenges. From manual spin-column or magnetic particle-based kits to fully automated solutions, we aim to fulfill a variety of needs with a versatile selection of products.

SPIN COLUMN NUCLEIC ACID EXTRACTION

100 extractions

Bosphore Plant DNA Extraction Spin Kit

ABXPD1

No organic extraction or alcohol precipitation
Starting Amount: 100-250 mg

Bosphore Tissue Genomic DNA Extraction Spin Kit v2

IVD CE

ABXTD2

No organic extraction or alcohol precipitation
Starting Amount: 100-250 mg

Bosphore Bacterial DNA Extraction Spin Kit v2

IVD CE

ABXBD3

No organic extraction or alcohol precipitation
Starting Volume: 400 µl

Bosphore Viral RNA Extraction Spin Kit

IVD CE

ABXVR1

No organic extraction or alcohol precipitation
Starting Volume : 400 µl

Bosphore Viral DNA Extraction Spin Kit

IVD CE

ABXVD1

No organic extraction or alcohol precipitation
Starting Volume : 200 µl

Bosphore Nucleic Acid Extraction Versatile Spin Kit

IVD CE

ABXGV1

No organic extraction or alcohol precipitation
Starting Volume : 250-400 µl

DNA/RNA Extraction Kits

MANUAL MAGNETIC BEAD NUCLEIC ACID EXTRACTION

96 extractions

Magrev Tissue Genomic DNA Extraction Kit

Magnetic Bead Technology
Starting Amount : 20-150 mg (recommended)



AEMTD1

Magrev Plant DNA Extraction Kit

Magnetic Bead Technology
Starting Amount : 250 mg (recommended)

AEMPD1

Magrev Viral DNA/RNA Extraction Kit

Magnetic Bead Technology
Starting Volume : 500 µl (recommended)



AEMDR1

AUTOMATED NUCLEIC ACID EXTRACTION

96 extractions

192 extractions

UNIO Food DNA Extraction Kit

Magnetic Bead Technology
Starting Volume : 200-400-600 µl

UFDR600

UNIO M32 Food Extraction Kit

Magnetic Bead Technology
Starting Volume: 200/400 µl

UM32FE1

UM32FE2

UNIO B24 Extraction System

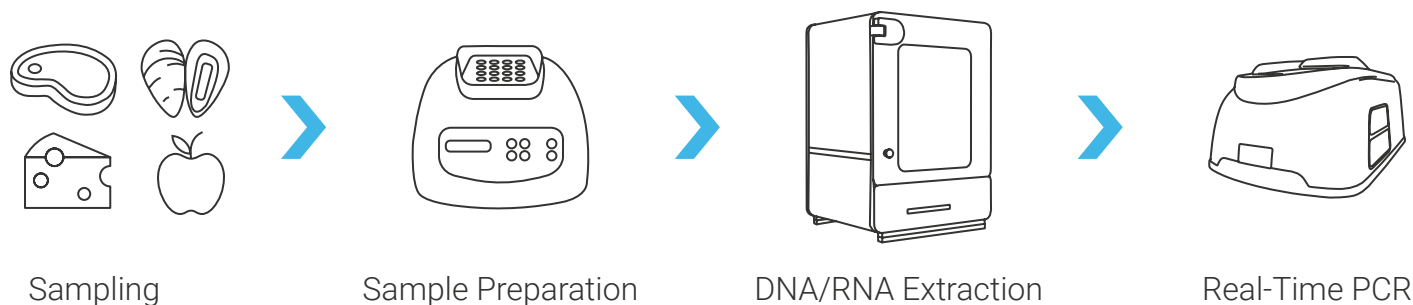


UNIO B24 Extraction System is a laboratory instrument for automated extraction of nucleic acids (DNA/RNA) from various food samples (meat, milk, seed, feed, gelatin, chocolate, lecithin, dietary supplements etc.) and bacteria using paramagnetic particles. UNIO B24 Extraction System enables fast, pure, efficient and contamination-free nucleic acid extraction using embedded protocols ready-to-use cartridge system pre-filled by automation.

Features

- ✓ Automated Extraction
- ✓ Prefilled Cartridges for 1-24 Samples
- ✓ UV Lamp Decontamination
- ✓ PCR Setup Option with Dedicated Racks

Workflow



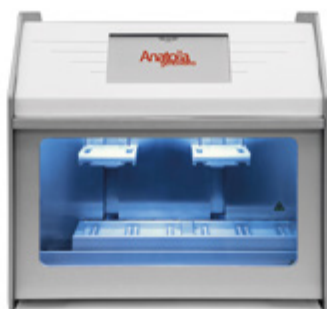
Method	Fully automated extraction with silica-coated magnetic beads
Capacity	1-24 samples
Sample Volume	100/200/400/600 µL
Elution Volume	60/100/150/200 µL
Efficiency	Up to 10 µg/200 µL
Heating Block	✓
UV Light	✓
Size and Weight	D: 580 x W: 660 x H: 920 mm - 110 kg
Run Time	From 18 to 110 minutes
Ordering Information	AUB24

UNIO M32 Extraction System



IVDR

IVD CE



UNIO M32 Extraction System is an automated laboratory instrument for nucleic acid extraction from biological and food samples based on silica-coated magnetic beads for use in downstream PCR applications, for diagnostic purposes. This instrument can process 1 to 32 samples after a short preparation time. UNIO M32 device is compatible with prefilled extraction kits for various applications.

Method	Fully automated extraction with silica-coated magnetic beads
Capacity	1-32 samples
Sample Volume	100/200 µL
Elution Volume	100 µL
Heating Block	✓
UV Light	✓
Size and Weight	D: 310 x W: 385 x H: 369 mm – 18 kg
Run Time	15-50 min depending on the extraction kit/protocol
Ordering Information	AUM32

UNIO M816 Extraction System



IVDR

IVD CE



UNIO M816 Extraction System is an automated laboratory instrument for nucleic acid extraction from biological and food samples based on silica-coated magnetic beads for use in downstream PCR applications, for diagnostic and veterinary purposes. This instrument can process up to 16 samples after a short preparation time. With higher sample and elution volumes than UNIO M32, UNIO M816 is ideal for food safety testing.

Method	Fully automated extraction with silica-coated magnetic beads
Capacity	1-16 samples
Sample Volume	1000 µL (when used with M16 extraction kits) / 2000 µL (when used with M8 extraction kits)
Elution Volume	300-400 µL
Heating Block	✓
UV Light	✓
Size and Weight	D: 310 x W: 385 x H: 369 mm – 18 kg
Run Time	50-70 min depending on the extraction kit/protocol
Ordering Information	AUM816

Montania 4896 Real-Time PCR Instrument

Montania
4896

IVDR

IVD CE

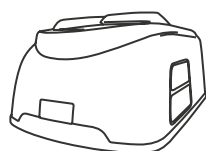


Montania 4896 Real-Time PCR Instrument is a huge step forward in molecular diagnostic laboratory practice, redefining standards with twin 48-well blocks and software enabling the simultaneous or asynchronous performance of two different assays.

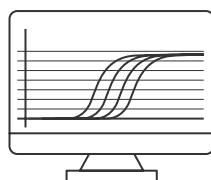
Features

- ✓ Real-Time PCR Instrument with Independently Controlled Twin Blocks
- ✓ Simultaneous or Asynchronous Run Options of Different Thermal Protocols
- ✓ HRM, Allelic Discrimination, Relative Quantification
- ✓ For Diagnostics and Research Fields
- ✓ Capacity of 96 Samples, 4 Channels

Workflow



Real-Time PCR



Analysis



Report

Capacity	96 (Twin 48 well independent blocks) samples
Light Source	LED
Temperature Range	4-99 °C
Max Ramp Rate	4.5 °C/sec
Temperature Accuracy	+/- 0.1 °C
Temperature Uniformity	+/- 0.1 °C
Sample Size	15-100 µL
Filter Pairs/ Wave Lengths (nm)	4 (470/510- 530/565-580/620-630/665)
Dyes	FAM/SYBR Green, VIC/HEX/JOE/TET, ROX/Texas Red, Cy5
Size and Weight	D: 520 x W: 380 x H: 250 mm - 18 kg
Ordering Information	RT-020

Magrev 24 Manual Magnetic Bead Nucleic Acid Extraction Stand

Magrev
24

IVDR

IVD CE



Magrev 24 Manual Magnetic Bead Nucleic Acid Extraction Stand for 24 Samples and Magrev Mini Base Extraction Stand are extremely advantageous and cost-effective platforms. Magrev is a very attractive system for both research and also diagnostics purposes.

Genomic DNA extraction for 24 samples requires only 10 minutes of hands-on time, without the need for changing tube positions, also with no need for centrifugation. It's not a prerequisite, but using a 6-channel adjustable spacer pipette makes the system even more practical and therefore is highly recommended. Nucleic acid extraction can be performed from various food samples (meat, milk, seed, feed, gelatin, chocolate, lecithin, dietary supplements etc.) and bacteria using paramagnetic particles.

Ordering Information	AEMB24
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Magrev Mini Manual Magnetic Bead Nucleic Acid Extraction Stand

Magrev
mini

IVDR

IVD CE



Magrev Mini Extraction Stand Base Unit provides the advantages of Magrev 24 Manual Extraction Stand with a twist! If you are handling smaller number of samples, Magrev Mini base unit gives you the liberty to increase the slots you can work as many as you wish, depending on your samples.

Magrev Mini, designed, patented and produced by Anatolia, is a unique approach to manual nucleic acid extraction by using magnetic beads.

Nucleic acid extraction can be performed from various food samples (meat, milk, seed, feed, gelatin, chocolate, lecithin, dietary supplements etc.) and bacteria using paramagnetic particles.

Ordering Information	
for 2 samples	AEMMB2
for 1 sample	AEMMM1



Anatolia was established in Istanbul in 2010 by partners with decades of experience in molecular genetics, healthcare, mechanical engineering, and marketing. This interdisciplinary structure of the company is the key factor in creating solution-oriented and efficient products for people in a wide geography.

Our main expertise is designing, developing, and manufacturing Real-Time PCR kits, nucleic acid extraction kits, rapid antigen test kits and automated nucleic acid extraction instruments. With the integration of Real-Time PCR instruments manufactured under Anatolia is one of the very few companies in the world with the ability to create turnkey solutions for Real-Time PCR applications.

Anatolia carries out its relevant operations in accordance with the ISO 9001:2015, ISO 13485:2016 standards, 98/79/EC directive, EU 2017/746 IVDR and 2006/42/EC regulations. Anatolia became the first company in Türkiye to get IVDR certification for high-risk molecular diagnostic products.

Anatolia Tani A.Ş. has been authorized as an R&D Center in April 2017 by the Republic of Türkiye Ministry of Industry and Technology. As of 21st October 2021, Anatolia became a publicly listed company in the Istanbul Stock Exchange (BIST).

Anatolia has subsidiaries abroad in Germany, the Netherlands, Italy, Poland, Bulgaria, and Pakistan.

The company's primary goals are to achieve worldwide market success by developing and manufacturing high-quality molecular diagnostics products, as well as increasing Türkiye's independence in the field of molecular diagnostics and biotechnology. Anatolia operates in the R&D and manufacturing laboratories and in the CNC workshops, which ultimately have an advanced infrastructure. The company guarantees the high precision, sensitivity, reproducibility, performance, and quality of its products by stringent quality control procedures in compliance with the regulations and quality standards.

Anatolia Tani ve Biyoteknoloji Ürünleri Ar-Ge San. ve Tic. A.Ş.

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