

Anatolia Geneworks Food Safety Product List

ANATOLIA GENEWORCS



Anatolia Geneworks is a biotechnology company that operates under ISO 9001, ISO 13485, and 98/79/EC Full Quality Assurance Systems. Anatolia Geneworks' main expertise is designing, developing and manufacturing Real-Time PCR kits, DNA/RNA extraction kits and robots. Unique products including more than 150 Real Time PCR kits cover a wide range of applications for identifying, screening, detecting, quantitating and genotyping of pathogens, genetic disorders, GMO and species. Thanks to the certified R&D center and state of the art manufacturing facilities, perfectly designed and manufactured products meet the quality requirements of the most demanding customers and are being exported to more than 30 countries.

With its IVD roots and manufacturing experience, Anatolia Geneworks creates turnkey solutions with instruments including automated nucleic acid extraction robots and Real-Time PCR detection systems with absolute dedication to performance and quality.

GMO & Meat Species Identification Real-Time PCR Kits

PLANT SPECIES

Bosphore Plant Detection Kit v2

Internal Control	25 rxn	ABPDK1
	50 rxn	ABPDK2
	100 rxn	ABPDK3

Bosphore Plant Detection Kit v3

Internal Control	25 rxn	ABPDK4
	50 rxn	ABPDK5
	100 rxn	ABPDK6

Bosphore Soy Species Detection Kit v1

Internal Control	25 rxn	ABSOY1
	50 rxn	ABSOY2
	100 rxn	ABSOY3

Bosphore Cotton Species Detection Kit v1

Internal Control	25 rxn	ABCOT1
	50 rxn	ABCOT2
	100 rxn	ABCOT3

Bosphore Rice Species Detection Kit v1

Internal Control	25 rxn	ABRIC1
	50 rxn	ABRIC2
	100 rxn	ABRIC3

Bosphore Sugar Beet Species Detection Kit v1

Internal Control	25 rxn	ABSBE1
	50 rxn	ABSBE2
	100 rxn	ABSBE3

Bosphore Corn/Maize Species Detection Kit v1

Internal Control	25 rxn	ABCOM1
	50 rxn	ABCOM2
	100 rxn	ABCOM3

Bosphore Maize - Soy Species Detection Kit v1

Internal Control - Multiplex Single Tube	25 rxn	ABMSD1
	50 rxn	ABMSD2
	100 rxn	ABMSD3

Bosphore Maize - Soy - Cotton Species Detection Kit v1

Internal Control - Multiplex Single Tube	25 rxn	ABMSC1
	50 rxn	ABMSC2
	100 rxn	ABMSC3

Bosphore GMO Detection Kit tNOS v1

Internal Control	25 rxn	ABNOS1
	50 rxn	ABNOS2
	100 rxn	ABNOS3

Bosphore GMO Detection Kit S35 v1

Internal Control	25 rxn	ABS351
	50 rxn	ABS352
	100 rxn	ABS353

Bosphore GMO Detection Kit BAR v1

Internal Control	25 rxn	ABBAR1
	50 rxn	ABBAR2
	100 rxn	ABBAR3

Bosphore GMO Detection Kit FMV v1

Internal Control	25 rxn	ABFMV1
	50 rxn	ABFMV2
	100 rxn	ABFMV3

GMO PANEL

GMO & Meat Species Identification Real-Time PCR Kits

GMO PANEL

Bosphore GMO Screening Kit (S35-tNOS) v1

Internal Control - Multiplex Single Tube	25 rxn	ABSOS1
	50 rxn	ABSOS2
	100 rxn	ABSOS3

Bosphore GMO Screening Kit (S35-tNOS-FMV) v3

Internal Control - Multiplex Single Tube	25 rxn	ABSNF4
	50 rxn	ABSNF5
	100 rxn	ABSNF6

Bosphore GMO Screening Kit (S35-tNOS-FMV-BAR) v1

Internal Control - Multiplex 2 Tubes	25 rxn	ABALL1
	50 rxn	ABALL2
	100 rxn	ABALL3

Bosphore GMO MIR604 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB6041
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB6042
	100 rxn	AB6043

Bosphore GMO MIR604 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB6044
	50 rxn	AB6045
	100 rxn	AB6046

Bosphore GMO MON88017 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB8801
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB8802
	100 rxn	AB8803

Bosphore GMO MON88017 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB8804
	50 rxn	AB8805
	100 rxn	AB8806

Bosphore GMO MON89034 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB8901
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB8902
	100 rxn	AB8903

Bosphore GMO MON89034 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB8904
	50 rxn	AB8905
	100 rxn	AB8906

Bosphore GMO MON89788 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB8971
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB8972
	100 rxn	AB8973

Bosphore GMO MON89788 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB8974
	50 rxn	AB8975
	100 rxn	AB8976

Bosphore GMO TC1507 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB1501
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB1502
	100 rxn	AB1503

Bosphore GMO TC1507 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB1504
	50 rxn	AB1505
	100 rxn	AB1506

GMO & Meat Species Identification Real-Time PCR Kits

GMO PANEL

Bosphore GMO DAS59122 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB5911
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB5912
	100 rxn	AB5913

Bosphore GMO DAS59122 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB5914
	50 rxn	AB5915
	100 rxn	AB5916

Bosphore GMO DAS-68416-4 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB68Q1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB68Q2
	100 rxn	AB68Q3

Bosphore GMO DAS-68416-4 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB68D1
	50 rxn	AB68D2
	100 rxn	AB68D3

Bosphore GMO DAS-81419-2 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB81Q1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB81Q2
	100 rxn	AB81Q3

Bosphore GMO DAS-81419-2 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB81D1
	50 rxn	AB81D2
	100 rxn	AB81D3

Bosphore GMO DAS-44406-6 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB44Q1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB44Q2
	100 rxn	AB44Q3

Bosphore GMO DAS-44406-6 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB44D1
	50 rxn	AB44D2
	100 rxn	AB44D3

Bosphore GMO DAS-40278-9 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB40Q1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB40Q2
	100 rxn	AB40Q3

Bosphore GMO DAS-40278-9 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB40D1
	50 rxn	AB40D2
	100 rxn	AB40D3

Bosphore GMO GTS 40-3-2 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	ABGTQ1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	ABGTQ2
	100 rxn	ABGTQ3

Bosphore GMO GTS 40-3-2 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	ABGTD1
	50 rxn	ABGTD2
	100 rxn	ABGTD3

Bosphore GMO 281-24-236 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB2811
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB2812
	100 rxn	AB2813

GMO & Meat Species Identification Real-Time PCR Kits

GMO PANEL

Bosphore GMO 281-24-236 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB2814
	50 rxn	AB2815
	100 rxn	AB2816

Bosphore GMO GHB 614 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB6141
	50 rxn	AB6142
	100 rxn	AB6143

Bosphore GMO GHB 614 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB6144
	50 rxn	AB6145
	100 rxn	AB6146

Bosphore GMO DP305423-1 Quantification v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB3051
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB3052
	100 rxn	AB3053

Bosphore GMO DP305423-1 Detection v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB3054
	50 rxn	AB3055
	100 rxn	AB3056

Bosphore GMO 3006-210-23 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB3001
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB3002
	100 rxn	AB3003

Bosphore GMO 3006-210-23 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB3004
	50 rxn	AB3005
	100 rxn	AB3006

Bosphore GMO MON87708 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB7081
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB7082
	100 rxn	AB7083

Bosphore GMO MON87708 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB7084
	50 rxn	AB7085
	100 rxn	AB7086

Bosphore GMO MON87701 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB7011
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB7012
	100 rxn	AB7013

Bosphore GMO MON87701 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB7014
	50 rxn	AB7015
	100 rxn	AB7016

GMO & Meat Species Identification Real-Time PCR Kits

GMO PANEL

Bosphore GMO CV127 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB1271
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB1272
	100 rxn	AB1273

Bosphore GMO CV127 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB1274
	50 rxn	AB1275
	100 rxn	AB1276

Bosphore GMO MON87769 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB7691
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB7692
	100 rxn	AB7693

Bosphore GMO MON87769 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB7694
	50 rxn	AB7695
	100 rxn	AB7696

Bosphore GMO A2704-12 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	ABA2Q1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	ABA2Q2
	100 rxn	ABA2Q3

Bosphore GMO A2704-12 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	ABA2D1
	50 rxn	ABA2D2
	100 rxn	ABA2D3

Bosphore GMO LLRICE62 Quantification Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB62Q1
Ready to Use Taxon-Specific PCR Master Mix	50 rxn	AB62Q2
	100 rxn	AB62Q3

Bosphore GMO LLRICE62 Detection Kit v1

Ready to Use Event-Specific PCR Master Mix	25 rxn	AB62D1
	50 rxn	AB62D2
	100 rxn	AB62D3

Bosphore GMO Soy Event Multiplex Detection Kit 1

MON87701, MON87708, MON87769	25 rxn	AB1SE1
Internal Control - Multiplex Single Tube	50 rxn	AB1SE2
	100 rxn	AB1SE3

Bosphore GMO Soy Event Multiplex Detection Kit 2

CV127, DP-305423-1, DAS-68416-4	25 rxn	AB2SE1
Internal Control - Multiplex Single Tube	50 rxn	AB2SE2
	100 rxn	AB2SE3

Bosphore GMO Soy Event Multiplex Detection Kit 3

DAS-81419-2, DAS-44406-6	25 rxn	AB3SE1
Internal Control - Multiplex Single Tube	50 rxn	AB3SE2
	100 rxn	AB3SE3

GMO & Meat Species Identification Real-Time PCR Kits

MEAT SPECIES

Bosphore Species Identification Kit Bovine v1

Internal Control	25 rxn	ABBOV1
	50 rxn	ABBOV2
	100 Rxn	ABBOV3

Bosphore Bovine Gender Determination Kit v1

Ready to Use PCR Master Mix	25 rxn	ABBGD1
	50 rxn	ABBGD2
	100 Rxn	ABBGD3

Bosphore Bovine Gender Quantification Kit v1

Ready to Use PCR Master Mix	25 rxn	ABBGQ1
	50 rxn	ABBGQ2
	100 Rxn	ABBGQ3

Bosphore Species Identification Kit Pork v1

Internal Control	25 rxn	ABPOR1
	50 rxn	ABPOR2
	100 rxn	ABPOR3

Bosphore Species Identification Kit Chicken v1

Internal Control	25 rxn	ABCHI1
	50 rxn	ABCHI2
	100 rxn	ABCHI3

Bosphore Species Identification Kit Turkey v1

Internal Control	25 rxn	ABTUR1
	50 rxn	ABTUR2
	100 rxn	ABTUR3

Bosphore Species Identification Kit Donkey v1

Internal Control	25 rxn	ABDON1
	50 rxn	ABDON2
	100 rxn	ABDON3

Bosphore Species Identification Kit Horse v1

Internal Control	25 rxn	ABHOR1
	50 rxn	ABHOR2
	100 rxn	ABHOR3

Bosphore Species Identification Kit Sheep v1

Internal Control	25 rxn	ABSHE1
	50 rxn	ABSHE2
	100 rxn	ABSHE3

Bosphore Species Identification Kit Goat v1

Internal Control	25 rxn	ABGOA1
	50 rxn	ABGOA2
	100 rxn	ABGOA3

Bosphore Species Identification Kit Dog v1

Internal Control	25 rxn	ABDOG1
	50 rxn	ABDOG2
	100 rxn	ABDOG3

Bosphore Species Identification Kit Fish v1

Internal Control	25 rxn	ABFIS1
	50 rxn	ABFIS2
	100 rxn	ABFIS3

Bosphore Species Identification Kit Primate v1

Internal Control	25 rxn	ABPRI1
	50 rxn	ABPRI2
	100 rxn	ABPRI3

GMO & Meat Species Identification Real-Time PCR Kits

MEAT SPECIES

Bosphore Species Identification Kit Water Buffalo v1

Internal Control	25 rxn	ABWBU1
	50 rxn	ABWBU2
	100 rxn	ABWBU3

Bosphore Species Identification Kit Turkey-Chicken v1

Internal Control - Multiplex Single Tube	25 rxn	ABTUC1
	50 rxn	ABTUC2
	100 rxn	ABTUC3

Bosphore Species Identification Kit Bovine-Pork v1

Internal Control - Multiplex Single Tube	25 rxn	ABBOP1
	50 rxn	ABBOP2
	100 rxn	ABBOP3

Bosphore Species Identification Kit Goat-Sheep v1

Internal Control - Multiplex Single Tube	25 rxn	ABGOS1
	50 rxn	ABGOS2
	100 rxn	ABGOS3

Bosphore Species Identification Kit Horse-Donkey v1

Internal Control - Multiplex Single Tube	25 rxn	ABHOD1
	50 rxn	ABHOD2
	100 rxn	ABHOD3

Bosphore Brucella Detection Kit v1

Internal Control	IVD-CE	25 rxn	ABBRC1
		50 rxn	ABBRC2
		100 rxn	ABBRC3

Bosphore Norovirus Detection Kit v1

Internal Control Ready to Use PCR Master Mix	Process Control	25 rxn	ABNOD1
		50 rxn	ABNOD2
		100 rxn	ABNOD3

Bosphore Norovirus Detection Kit v2

Ready to Use PCR Master Mix	Process Control	25 rxn	ABNOD1
		50 rxn	ABNOD2
		100 rxn	ABNOD3

Bosphore HAV Detection Kit v1

Internal Control Ready to Use PCR Master Mix	Process Control	25 rxn	ABHAD1
		50 rxn	ABHAD2
		100 rxn	ABHAD3

Bosphore HAV Detection Kit v2

Ready to Use PCR Master Mix	Process Control	25 rxn	ABHAD4
		50 rxn	ABHAD5
		100 rxn	ABHAD6

FOOD SAFETY

GMO & Meat Species Identification Real-Time PCR Kits

AUTOMATED EXTRACTION INSTRUMENT & KITS

Magnesia16 Nucleic Acid Extraction Instrument

Magnetic bead technology		IVD-CE		DE-010
1-16 Samples	Integrated UV			
Cross-contamination control	Optional barcode reader			
Run time: 33 - 76 min	Optional HEPA filter			

Magnesia Viral DNA/RNA Extraction Kit EP

Pre-filled cartridges with magnetic bead technology		IVD-CE	96 strips	AE2022
Starting Volume : 200 µl / 400 µl	Plasma/Serum, Body Fluid, Urine			
Run Time : 57 min/66 min				

Magnesia Plant Genomic DNA Extraction Kit

Pre-filled cartridges with magnetic bead technology			96 strips	AE3012
Starting Volume : 400 µl	Plant Tissue			
Run Time : 33 min				

Magnesia Tissue Genomic DNA Extraction Kit

Pre-filled cartridges with magnetic bead technology		IVD-CE	96 strips	AE4012
Starting Volume : 50-100 mg	Animal Tissue, Swab, FFPE, Stool			
Run Time : 33 min				

Magnesia Cultured Cell and Tissue Total RNA Extraction Kit

Pre-filled cartridges with magnetic bead technology		IVD-CE	36 strips	AE6101
Starting Volume : 200 µl	Cultured Cells, Animal Tissue, FFPE		96 strips	AE6102
Run Time : 42 min/73 min				

Bosphore Nucleic Acid Extraction Versatile Spin Kit

No organic extraction or alcohol precipitation		IVD-CE	100 extractions	ABXGV1
Starting Volume : 400 µl				
Hands-on Time : 55 min	Run Time : 80 min			

Bosphore Plant DNA Extraction Spin Kit

No organic extraction or alcohol precipitation			100 extractions	ABXPD1
Starting Volume : 200-250 mg				
Hands-on Time : 55 min	Run Time : Pre-treatment + 80 min			

Bosphore Tissue Genomic DNA Extraction Spin Kit v2

No organic extraction or alcohol precipitation		IVD-CE	100 extractions	ABXTD2
Starting Volume : 100-250 mg				
Hands-on Time : 55 min	Run Time : Pre-treatment + 80 min			

Bosphore Viral RNA Extraction Spin Kit

No organic extraction or alcohol precipitation		IVD-CE	100 extractions	ABXVR1
Starting Volume : 400 µl				
Hands-on Time : 55 min	Run Time : 80 min			

Bosphore Dairy Products Genomic DNA Extraction Kit

No organic extraction or alcohol precipitation			100 extractions	ABDPG1
Starting Volume : 1 ml				
Hands-on Time : 55 min	Run Time : 80 min			

Bosphore Dairy Products Bacterial DNA Extraction Kit

No organic extraction or alcohol precipitation			100 extractions	ABDPB1
Starting Volume : 1 ml				
Hands-on Time : 55 min	Run Time : Pre-treatment + 80 min			

SPIN COLUMN NUCLEIC ACID EXTRACTION

Manual Nucleic Acid Extraction Kits & Real-Time PCR Instruments

MANUAL MAGNETIC BEAD
NUCLEIC ACID EXTRACTION

Magrev Nucleic Acid Extraction Versatile Kit

Magnetic bead technology	IVD-CE	96 extractions	AEMGV
Run Time	: Pre-treatment + 55 min (for 24-sample full run)		
Hands-on Time	: 15 min		

Magrev Plant DNA Extraction Kit

Magnetic bead technology		96 extractions	AEMPD
Starting Volume	: 250 mg (recommended)		
Run Time	: Pre-treatment + 55 min (for 24-sample full run)		
Hands-on Time	: 15 min		

Magrev Tissue Genomic DNA Extraction Kit

Magnetic bead technology	IVD-CE	96 extractions	AEMTD1
Starting Volume	: 20-150 mg (recommended)		
Run Time	: Pre-treatment + 55 min (for 24-sample full run)		
Hands-on Time	: 15 min		

Magrev Viral DNA/RNA Extraction Kit

Magnetic bead technology	IVD-CE	96 extractions	AEMDR1
Starting Volume	: 500 µl (recommended)		
Run Time	: 55 min (for 24-sample full run)		
Hands-on Time	: 15 min		

Magrev24 Manual Magnetic Bead Nucleic Acid Extraction Stand For 24 Samples

Magnetic bead technology	Up to 24 samples	IVD-CE	AEMB24
Starting Volume	: Up to 1500 µl		
Run Time	: 55 min (for 24-sample full run)		
Hands-on Time	: 15 min		

Magrev Mini Base Extraction Stand For 2 Samples

Magnetic bead technology	For 2 samples		AEMMB2
Starting Volume	: Up to 1500 µl		

Magrev Mini Module Extraction Stand For 1 Sample

Magnetic bead technology			AEMMM1
Additional module for the base unit			

Montania 484 Real-Time PCR Instrument

48 wells		IVD-CE	RT-015
PMT technology	LED light source		
Peltier module heating	4 filters		

Montania 4896 Real-Time PCR Instrument

Independent Dual Blocks (48+48 wells)		IVD-CE	RT-020
PMT technology	LED light source		
Peltier module heating	4+2 filters (Optional)		

REAL-TIME PCR
INSTRUMENTS



PL02_2019v4

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