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# Alpha IVD **Product List**

Alpha IVD S.p.A. has focused on developing and providing high performance products in the molecular diagnostics field.

Alpha IVD has created a difference with its dedicated and well trained team, offering the right solutions that combine the high quality of services with wide range of products. High level of competence and dynamism, has allowed Alpha IVD to support its customers effectively and develop into a well known player in the Italian market over the years.

Alpha focuses on contributing to molecular diagnostics with special emphasis on technical competency and customer oriented approach. Alpha IVD's commitment is; to maintain and strengthen the bond with its customers by collaboration and trust, and continuing to be a point of reference in the molecular diagnostic field.



## Alpha IVD COVID-19 Panel Kits

### Alpha IVD SARS-CoV-2 Real-Time PCR Kit-1

Human Endogenous Control Orf1ab, N gene, E gene in a single tube	IVD-CE	25 tests 50 tests 100 tests	CVD1-025 CVD1-050 CVD1-100
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### Alpha IVD SARS-CoV-2 Real-Time PCR Kit-2

Human Endogenous Control Orf1ab, N gene, E gene in a single tube	IVD-CE	50 tests 100 tests 200 tests	CVD2-050 CVD2-100 CVD2-200
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### Alpha IVD SARS-CoV-2 Real-Time PCR Kit-3

Human Endogenous Control Orf1ab and N gene in a single channel	IVD-CE	50 tests 100 tests 200 tests	CVD3-050 CVD3-100 CVD3-200
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### Alpha IVD SARS-CoV-2 Real-Time PCR Kit-4

Internal Control Orf1ab, N gene, E gene in a single tube	Ready to Use PCR Master Mix	IVD-CE	25 tests 50 tests 100 tests	CVD4-025 CVD4-050 CVD4-100
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### Alpha IVD SARS-CoV-2 Real-Time PCR Kit-5

Human Endogenous Control Orf1ab and N gene in a single channel	IVD-CE	50 tests 100 tests 200 tests	CVD5-050 CVD5-100 CVD5-200
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### Alpha IVD SARS-CoV-2 Multiplex Panel Real-Time PCR Kit-1

Human Endogenous Control SARS-CoV-2 (Orf1ab & N gene) , Influenza A&B, RSV A&B in a single tube	IVD-CE	25 tests 50 tests 100 tests	CRP1-025 CRP1-050 CRP1-100
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### Alpha IVD SARS-CoV-2 Multiplex Panel Real-Time PCR Kit-2

Human Endogenous Control SARS-CoV-2 (Orf1ab & N gene) , Influenza A&B, RSV A&B Adenovirus, Enterovirus, Metapneumovirus, Rhinovirus L.pneumophila, M.pneumoniae, Parainfluenza 1-2-3-4	IVD-CE 3 tubes	25 tests 50 tests 100 tests	CRP2-025 CRP2-050 CRP2-100
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### Alpha IVD Variant Kits

Detection of Alpha, Beta, Gamma, Delta and Omicron Variants with Specific Mutations  
Available in 25, 50 and 100-test box size options

SARS-CoV-2 / Flu / RSV Panel Kit			>	>					>	>	
SARS-CoV-2 / Flu / RSV Panel Kit v2			>	>					>	>	
SARS-CoV-2/Respiratory Pathogens Panel Kit v1	>	>	>	>	>	>	>	>	>	>	
<b>SARS-CoV-2 Multiplex Panel Kits</b>	Adenovirus	Enterovirus	Influenza A	Influenza B	L. pneumophila	Metapneumovirus A/B	M. pneumoniae A/B	Parainfluenza 1 - 2 - 3 - 4	Rhinovirus	RSV A/B	SARS-CoV-2



# Real-Time PCR Kits

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore HBV Quantification Kit</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHBQ1 ABHBQ2 ABHBQ3
<b>Bosphore Ultra HBV Quantitation/Detection Kit</b>		
Internal Control Reaction Volume: 75 µl	Ready to Use PCR Master Mix Analytical Sensitivity: 3.6 IU/ml	IVD-CE 25 rxn 50 rxn 100 rxn AUHBV1 AUHBV2 AUHBV3
<b>Bosphore HBV Genotype D Genotyping Kit</b>		
Genotype D	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHBG1 ABHBG2 ABHBG3
<b>Bosphore HBV Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	25 rxn 50 rxn 100 rxn ABHBD1 ABHBD2 ABHBD3
<b>Bosphore HCV Quantification Kit</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHCQ1 ABHCQ2 ABHCQ3
<b>Bosphore Ultra HCV Quantitation/Detection Kit</b>		
Internal Control Reaction Volume: 80 µl	Ready to Use PCR Master Mix Analytical Sensitivity: 8.0 IU/ml	IVD-CE 25 rxn 50 rxn 100 rxn AUHCV1 AUHCV2 AUHCV3
<b>Bosphore HCV Genotyping Kit v1</b>		
Internal Control Genotypes: 1a/1b/1c-k/2/3/4	Ready to Use PCR Master Mix	IVD-CE 4 tubes 25 rxn 50 rxn 100 rxn ABHCG1 ABHCG2 ABHCG3
<b>Bosphore HCV Genotyping Kit v3</b>		
Internal Control Genotypes: 1a/1b/1c-k/2/3/4/5/6	Ready to Use PCR Master Mix	IVD-CE 5 tubes 25 rxn 50 rxn 100 rxn ABHCG7 ABHCG8 ABHCG9
<b>Bosphore HCV Genotyping Kit v5</b>		
Internal Control Genotypes: 1a/1b/1-all/2/3/4/5/6	Ready to Use PCR Master Mix	IVD-CE 5 tubes 25 rxn 50 rxn 100 rxn ABHCGD ABHCGE ABHCGF
<b>Bosphore HCV Genotyping Kit v7</b>		
Internal Control Genotypes: 1a/1b/1c-k/2/3/3a/3b/4/5/6	Ready to Use PCR Master Mix	IVD-CE 6 tubes 25 rxn 50 rxn ABHCGJ ABHCGK
<b>Bosphore HCV Genotype 3 Genotyping Kit v1</b>		
Internal Control Genotypes: 3a/3b	Ready to Use PCR Master Mix	IVD-CE 1 tube 25 rxn 50 rxn 100rxn ABHC31 ABHC32 ABHC33

HEPATITIS

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore HCV Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	25 rxn 50 rxn 100 rxn ABHCD1 ABHCD2 ABHCD3
<b>Bosphore HDV Quantification-Detection Kit v1</b>		
Internal Control	IVD-CE	25 rxn 50 rxn 100 rxn ABHDV1 ABHDV2 ABHDV3
<b>Bosphore HBV-HCV Multiplex Screening Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	1 tube 25 rxn 50 rxn 100 rxn ABHBC1 ABHBC2 ABHBC3
<b>Bosphore HBV-HCV-HIV Multiplex Screening Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	1 tube 25 rxn 50 rxn 100 rxn ABBC11 ABBC12 ABBC13
<b>Bosphore HIV-1 Quantification Kit</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHIQ1 ABHIQ2 ABHIQ3
<b>Bosphore HIV-1 Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	25 rxn 50 rxn 100 rxn ABHID1 ABHID2 ABHID3
<b>Bosphore CMV Quantification Kit</b>		
Internal Control HHV-5	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABCMQ1 ABCMQ2 ABCMQ3
<b>Bosphore CMV Quantification-BKV Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	1 tube 25 rxn 50 rxn 100 rxn ABCMB1 ABCMB2 ABCMB3
<b>Bosphore EBV Quantification Kit v1</b>		
Internal Control HHV-4	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABEBV1 ABEBV2 ABEBV3
<b>Bosphore HSV 1-2 Genotyping Kit v1</b>		
Internal Control HHV-1 (HSV-1), HHV-2 (HSV-2)	Ready to Use PCR Master Mix	IVD-CE 1 tube 25 rxn 50 rxn 100 rxn ABHSV1 ABHSV2 ABHSV3
<b>Bosphore HSV 1-2 Quantification Kit v1</b>		
Internal Control HHV-1 (HSV-1), HHV-2 (HSV-2)	Ready to Use PCR Master Mix	IVD-CE 1 tube 25 rxn 50 rxn ABHSQ1 ABHSQ2

HEPATITIS

HIV-1

HERPESVIRUS

# Real-Time PCR Kits

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore VZV Detection Kit v1</b>		
Internal Control HHV-3	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABVZV1 ABVZV2 ABVZV3
<b>Bosphore VZV Quantification Kit v1</b>		
Internal Control HHV-3	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABVZQ1 ABVZQ2 ABVZQ3
<b>Bosphore HHV-6 Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHHV1 ABHHV2 ABHHV3
<b>Bosphore HHV-6 Quantification Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABH6Q1 ABH6Q2 ABH6Q3
<b>Bosphore HHV-7 Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHH71 ABHH72 ABHH73
<b>Bosphore HHV-8 Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABHH81 ABHH82 ABHH83
<b>Bosphore HHV-8 Quantification Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 25 rxn 50 rxn 100 rxn ABH8Q1 ABH8Q2 ABH8Q3
<b>Bosphore EBV-Adenovirus Quantification Kit</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube 25 rxn 50 rxn ABEBA1 ABEBA2
<b>Bosphore Viral Infections in the Immunosuppressed Panel Kit</b>		
Internal Control Adenovirus, CMV, EBV	Ready to Use PCR Master Mix	IVD-CE 1 tube 25 rxn 50 rxn 100 rxn ABVIP1 ABVIP2 ABVIP3
<b>Bosphore VIP Quantification Bundle Kit</b>		
Internal Control Adenovirus, CMV, EBV	Ready to Use PCR Master Mix	IVD-CE 2 tubes 25 rxn 50 rxn 100 rxn ABVIQ1 ABVIQ2 ABVIQ3
<i>Bosphore CMV Quantification Kit + Bosphore EBV-Adenovirus Quantification Kit</i>		
<b>Bosphore Viral Infections in the Immunosuppressed Maxi Panel Kit (Bundle Kit)</b>		
Internal Control Adenovirus, BKV, CMV, EBV, JCV	Ready to Use PCR Master Mix	IVD-CE 2 tubes 25 rxn 50 rxn 100 rxn ABVIM1 ABVIM2 ABVIM3
<i>Bosphore JCV-BKV Detection Kit v2+Bosphore Viral Infections in the Immunosuppressed Panel Kit</i>		

HERPESVIRUS

Diagnostic Kits	Nucleic Acid Extraction	Instruments
PARVOVIRUS	<b>Bosphore Parvovirus B19 Quantification v1</b>	
	Internal Control	Ready to Use PCR Master Mix IVD-CE 25 rxn 50 rxn 100 rxn ABPRV1 ABPRV2 ABPRV3
	<b>Bosphore JCV Quantification Kit v1</b>	
POLYOMAVIRUS	<b>Bosphore BKV Quantification Kit v1</b>	
	Internal Control	Ready to Use PCR Master Mix IVD-CE 25 rxn 50 rxn 100 rxn ABJCV1 ABJCV2 ABJCV3
	<b>Bosphore JCV-BKV Detection Kit v2</b>	
RESPIRATORY PATHOGENS	<b>Bosphore Respiratory Pathogens Panel Kit v1*</b>	
	Internal Control	Ready to Use PCR Master Mix IVD-CE 6 tubes 25 rxn 50 rxn ABRPP1 ABRPP2
	<b>Bosphore Respiratory Pathogens Panel Kit v4*</b>	
RESPIRATORY PATHOGENS	<b>Bosphore Respiratory Pathogens Panel Kit v5*</b>	
	Internal Control	Ready to Use PCR Master Mix IVD-CE 11 tubes 25 rxn 50 rxn ABRPPD ABRPPPE
	<b>Bosphore Respiratory Pathogens Panel Kit v6*</b>	
RESPIRATORY PATHOGENS	<b>Bosphore Respiratory Pathogens Mini Panel Kit *</b>	
	Internal Control	Ready to Use PCR Master Mix IVD-CE 7 tubes 25 rxn 50 rxn ABRPPG ABRPPH
	<b>Bosphore Respiratory Pathogens Mini Panel Bundle Kit*</b>	
RESPIRATORY PATHOGENS	<b>Bosphore Respiratory Pathogens Mini Panel Bundle Kit*</b>	
	Internal Control	Ready to Use PCR Master Mix IVD-CE 9 tubes 25 rxn 50 rxn ABRPB1 ABRPB2
	<i>Bosphore Respiratory Pathogens Mini Panel Kit + Bosphore Atypical CAP Panel Kit</i>	

\*EACH PARAMETER AND INDIVIDUAL PCR MIX CAN BE PROVIDED AS SINGLE KIT SEPARATELY

# Real-Time PCR Kits

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore Respiratory Pathogens Maxi Panel Kit (Bundle Kit)*</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 12 tubes
		25 rxn 50 rxn
		ABRPM1 ABRPM2
<i>Bosphore Respiratory Pathogens Panel v5 + Bosphore Atypical CAP Panel Kit</i>		
<b>Bosphore Respiratory Viral Basic Panel Kit*</b>		
Internal Control		IVD-CE 2 tubes
Adenovirus, Enterovirus, L. Pneumophila, Metapneumovirus, M. pneumoniae, Parainfluenza (1, 2, 3, 4), Rhinovirus		25 rxn 50 rxn 100 rxn
		ABRVB1 ABRVB2 ABRVB3
<b>Bosphore Atypical CAP Panel Kit</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
C. pneumoniae, L. pneumophila/longbeachae, M. pneumoniae		25 rxn 50 rxn 100 rxn
		ABCAP1 ABCAP2 ABCAP3
<b>Bosphore ADEP Panel Kit*</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
Adenovirus, Enterovirus, Parechovirus		25 rxn 50 rxn 100 rxn
		ABAEP1 ABAEP2 ABAEP3
<b>Bosphore RSV-Flu Panel Kit*</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
Influenza A, Influenza B, RSV A/B		25 rxn 50 rxn 100 rxn
		ABRSF1 ABRSF2 ABRSF3
<b>Bosphore Influenza A-B-C Detection Panel Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
Influenza A-B-C		25 rxn 50 rxn 100 rxn
		ABABC1 ABABC2 ABABC3
<b>Bosphore Influenza Typing Kit v1</b>		
Human Endogenous Control	Ready to Use PCR Master Mix	IVD-CE 2 tubes
Influenza A, Influenza A H3 Influenza B, Pandemic H1N1 Influenza A		25 rxn 50 rxn 100 rxn
		ABFLU1 ABFLU2 ABFLU3
<b>Bosphore Influenza Typing Kit v2</b>		
Human Endogenous Control	Ready to Use PCR Master Mix	IVD-CE 2 tubes
Influenza A H3, Influenza A H5, Influenza A H7, Pandemic H1N1 Influenza A		25 rxn 50 rxn 100 rxn
		ABFLU4 ABFLU5 ABFLU6
<b>Bosphore H1N1 Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
Pandemic H1N1, Seasonal H1N1		25 rxn 50 rxn 100 rxn
		ABH111 ABH112 ABH113
<b>Bosphore H1N1 Detection Kit v3</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 2 tubes
Influenza A, Influenza B, Pandemic H1N1, Seasonal H1N1		25 rxn 50 rxn 100 rxn
		ABH117 ABH118 ABH119
<b>Bosphore Human Parainfluenza Viruses (HPIVs) Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 2 tubes
Parainfluenza 1-2-3-4		25 rxn 50 rxn 100 rxn
		ABPIV1 ABPIV2 ABPIV3
<b>Bosphore B. pertussis/parapertussis Genotyping Kit*</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
B. pertussis, B. parapertussis		25 rxn 50 rxn 100 rxn
		ABBPG1 ABBPG2 ABBPG3

RESPIRATORY PATHOGENS

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore Coronavirus Panel Kit v1*</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 2 tubes
Coronavirus 229E-NL63-OC43-HKU1		25 rxn 50 rxn 100 rxn
		ABCOR1 ABCOR2 ABCOR3
<b>Bosphore Novel Coronavirus (2019-nCoV) Detection Kit v2</b>		
Internal Control	Ready to Use PCR Master Mix	IVD-CE 2 tubes
Orf1ab, E gene in a single tube		25 rxn 50 rxn 100 rxn
		ABCOW4 ABCOW5 ABCOW6
<b>Bosphore Novel Coronavirus (2019-nCoV) Detection Kit v4</b>		
Human Endogenous Control		IVD-CE 1 tube
Orf1ab, N gene, E gene in a single tube		25 rxn 50 rxn 100 rxn
		ABCOWG ABCOWH ABCOWI
<b>Bosphore Novel Coronavirus (2019-nCoV) Detection Kit v7</b>		
Human Endogenous Control		IVD-CE 1 tube
Orf1ab, N gene, E gene in a single tube		50 rxn 100 rxn 200 rxn
		ABCOWP ABCOWQ ABCOWR
<b>Bosphore SARS-CoV-2 Variant Detection Kits</b>		
Detection of Alpha, Beta, Gamma, Delta and Omicron Variants with Specific Mutations Available in 25, 50 and 100-test box size options		
<b>Bosphore SARS-CoV-2/Flu/RSV Panel Kit*</b>		
Human Endogenous Control	Ready to Use PCR Master Mix	IVD-CE 1 tube
SARS-CoV-2 (Orf1ab & N gene), Influenza A&B, RSV A&B in a single tube		25 rxn 50 rxn 100 rxn
		ABSFR1 ABSFR2 ABSFR3
<b>Bosphore SARS-CoV-2/Respiratory Pathogens Panel Kit v1*</b>		
Human Endogenous Control	Ready to Use PCR Master Mix	IVD-CE 3 tubes
SARS-CoV-2 (Orf1ab & N gene), Influenza A&B, RSV A&B Adenovirus, Enterovirus, Metapneumovirus, Rhinovirus L.pneumophila, M.pneumoniae, Parainfluenza 1-2-3-4		25 rxn 50 rxn 100 rxn
		ABSCR1 ABSCR2 ABSCR3
<b>Bosphore EX-Tract Dry Swab RNA Solution</b>		
No organic extraction or alcohol precipitation	IVD-CE	150 extractions
Starting Volume : 400-700 µl	Total Processing Time: <10 mins	250 extractions
		ABXTRS ABXTRR
<b>Bosphore COVID-19 Sampling and Viral RNA Extraction Kit</b>		
No organic extraction or alcohol precipitation	IVD-CE	150 extractions
Starting Volume : 1 ml	Total Processing Time: <20 mins	
Includes sampling swab, can be used as transport liquid		
		ABXTRB

SARS-COV-2 (NOVEL CORONAVIRUS)

# Real-Time PCR Kits

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore STDs Panel Kit v1*</b>		
<b>Internal Control</b> M. genitalium, M. hominis, N. gonorrhoeae, T. vaginalis, U. parvum, U. urealyticum	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>2 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTD1</b> <b>ABSTD2</b> <b>ABSTD3</b>
<b>Bosphore STDs Panel Kit v4*</b>		
<b>Internal Control</b> G. vaginalis, M. genitalium, M. hominis, N. gonorrhoeae, T. pallidum, T. vaginalis, U. parvum, U. urealyticum	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>3 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTS1</b> <b>ABSTS2</b> <b>ABSTS3</b>
<b>Bosphore STDs Panel Kit v5*</b>		
<b>Internal Control</b> G. vaginalis, HSV-1, HSV-2, M. genitalium, M. hominis, N. gonorrhoeae, T. vaginalis, U. parvum, U. urealyticum	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>3 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTS4</b> <b>ABSTS5</b> <b>ABSTS6</b>
<b>Bosphore STDs Panel Kit v6*</b>		
<b>Internal Control</b> G. vaginalis, HSV-1, HSV-2, M. genitalium, M. hominis, N. gonorrhoeae, T. pallidum, T. vaginalis, U. parvum, U. urealyticum	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>4 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTS7</b> <b>ABSTS8</b> <b>ABSTS9</b>
<b>Bosphore STD Panel Bundle Kit v1*</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>3 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTC1</b> <b>ABSTC2</b> <b>ABSTC3</b>
<i>Bosphore STDs Panel Kit v1 + Bosphore C. trachomatis Detection Kit v1</i>		
<b>Bosphore STD Panel Bundle Kit v2*</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>4 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTC4</b> <b>ABSTC5</b> <b>ABSTC6</b>
<i>Bosphore STDs Panel Kit v4 + Bosphore C. trachomatis Detection Kit v1</i>		
<b>Bosphore STD Panel Bundle Kit v3*</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>4 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTC7</b> <b>ABSTC8</b> <b>ABSTC9</b>
<i>Bosphore STDs Panel Kit v5 + Bosphore C. trachomatis Detection Kit v1</i>		
<b>Bosphore STD Panel Bundle Kit v4*</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>5 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABSTCA</b> <b>ABSTCB</b> <b>ABSTCC</b>
<i>Bosphore STDs Panel Kit v6 + Bosphore C. trachomatis Detection Kit v1</i>		
<b>Bosphore Genital Ulcer Panel Kit*</b>		
<b>Internal Control</b> HSV-1, HSV-2, T. pallidum	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>1 tube</b> 25 rxn 50 rxn 100 rxn <b>ABGUS1</b> <b>ABGUS2</b> <b>ABGUS3</b>
<b>Bosphore STD Urethritis Mini Panel Kit*</b>		
<b>Internal Control</b> M. genitalium, N. gonorrhoeae, T. vaginalis	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>1 tube</b> 25 rxn 50 rxn 100 rxn <b>ABUMP1</b> <b>ABUMP2</b> <b>ABUMP3</b>
<b>Bosphore STD Urethritis Mini Bundle Kit*</b>		
<b>Internal Control</b> C. trachomatis, M. genitalium, N. gonorrhoeae, T. vaginalis Bosphore STD Urethritis Mini Panel Kit + Bosphore C. trachomatis Detection Kit v1	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>2 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABUMB1</b> <b>ABUMB2</b> <b>ABUMP3</b>
<b>Bosphore STD Cervicitis Panel Bundle Kit*</b>		
<b>Internal Control</b> C. trachomatis, HSV-1, HSV-2, M. genitalium, N. gonorrhoeae, T. pallidum, T. vaginalis	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>3 tubes</b> 25 rxn 50 rxn 100 rxn <b>ABCER1</b> <b>ABCER2</b> <b>ABCER3</b>

STD PATHOGENS

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore C. trachomatis Detection Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>25 rxn</b> <b>50 rxn</b> <b>100 rxn</b> <b>ABCTR1</b> <b>ABCTR2</b> <b>ABCTR3</b>
<b>Bosphore M. hominis-M. genitalium Detection Kit v1*</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>1 tube</b> 25 rxn 50 rxn 100 rxn <b>ABMHG1</b> <b>ABMHG2</b> <b>ABMHG3</b>
<b>Bosphore HPV Detection Kit v1</b>		
<b>Ready to Use PCR Master Mix</b> Genotypes detected: 6, 7, 11, 13, 16, 18, 31, 33, 45	<b>IVD-CE</b> <b>1 tube</b>	25 rxn 50 rxn 100 rxn <b>ABHPD1</b> <b>ABHPD2</b> <b>ABHPD3</b>
<b>Bosphore HPV Detection Kit v4</b>		
<b>Ready to Use PCR Master Mix</b> Genotypes detected: 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 67, 68, 69, 6, 7, 11, 13, 40, 43, 44, 62, 72, 74, 81, 83, 89	<b>IVD-CE</b> <b>2 tubes</b>	25 rxn 50 rxn 100 rxn <b>ABHPDA</b> <b>ABHPDB</b> <b>ABHPDC</b>
<b>Bosphore HPV Genotyping High Risk Basic Kit v1</b>		
<b>Internal Control</b> Genotypes: 16, 18, 31	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>1 tube</b> 25 rxn 50 rxn 100 rxn <b>ABHPB1</b> <b>ABHPB2</b> <b>ABHPB3</b>
<b>Bosphore HPV Genotyping High Risk Kit v1</b>		
<b>Internal Control</b> Genotypes: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>5 tubes</b> 25 rxn 50 rxn <b>ABHPV1</b> <b>ABHPV2</b>
<b>Bosphore HPV Genotyping High Risk Kit v2</b>		
<b>Human Endogenous Control</b> Genotypes: 16/18 ; 33/35/39/45/52/58/66 ; 31/51/56/59/68	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>1 tube</b> 25 rxn 50 rxn 100 rxn <b>ABHPV4</b> <b>ABHPV5</b> <b>ABHPV6</b>
<b>Bosphore HPV HR-LR-Genotyping Kit v1</b>		
<b>Internal Control</b> High Risk Genotypes: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68 Low Risk Genotypes: 6, 11, 42, 61, 70	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>7 tubes</b> 25 rxn 50 rxn <b>ABHHL1</b> <b>ABHHL2</b>
<b>Bosphore STD EX-Tract Kit (Fast Extraction)</b>		
<b>No organic extraction or alcohol precipitation</b> <b>Flexible Starting Volume</b> <b>Compatible with Bosphore STD and HPV Panel Real-Time PCR Kits</b> <b>Compatible with various swab and urine specimens</b>	<b>Total Processing Time: &lt;30 mins</b>	<b>IVD-CE</b> <b>25 extractions</b> <b>ABXEXS1</b>
<b>Bosphore Adenovirus Quantification Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>25 rxn</b> <b>50 rxn</b> <b>100 rxn</b> <b>ABADQ1</b> <b>ABADQ2</b> <b>ABADQ3</b>

STD PATHOGENS

HPV

ADENOVIRUS

# Real-Time PCR Kits

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore Viral Meningitis Panel Kit v3*</b>		
Internal Control Enterovirus, HSV-1, HSV-2, Parechovirus, VZV (HHV-3)	IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABVMP7 ABVMP8 ABVMP9
<b>Bosphore Bacterial Meningitis Panel Kit*</b>		
Internal Control H. influenzae, N. meningitidis, S. pneumoniae	Ready to Use PCR Master Mix IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABBMP1 ABBMP2 ABBMP3
<b>Bosphore CNS Panel Kit v1 (Bundle Kit)*</b>		
Internal Control Enterovirus, Parechovirus, HSV-1, HSV-2, HHV-6, HHV-7, Adenovirus, CMV, EBV, Parvovirus B19, VZV (HHV-3)	Ready to Use PCR Master Mix IVD-CE 4 tubes	25 rxn 50 rxn 100 rxn ABCNS1 ABCNS2 ABCNS3
<i>Bosphore CNS Mini Panel Kit v2 + Bosphore Viral Infections in the Immunosuppressed Panel Kit</i>		
<b>Bosphore CNS Mini Panel Kit v1*</b>		
Internal Control HHV-6, HHV-7, HSV-1, HSV-2, Parvovirus B19, VZV (HHV-3)	Ready to Use PCR Master Mix IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABCNM1 ABCNM2 ABCNM3
<b>Bosphore CNS Mini Panel Kit v2*</b>		
Internal Control Enterovirus, HHV-6, HHV-7, HSV-1, HSV-2, Parechovirus, Parvovirus B19, VZV (HHV-3)	Ready to Use PCR Master Mix IVD-CE 3 tubes	25 rxn 50 rxn 100 rxn ABCNM4 ABCNM5 ABCNM6
<b>Bosphore CNS Basic Panel Kit (Bundle Kit)</b>		
Internal Control HSV-1, HSV-2, HHV-6, HHV-7, VZV (HHV-3), HSV-1, HSV-2, HHV-6, HHV-7, VZV (HHV-3), Adenovirus, CMV, EBV, Parvovirus B19	Ready to Use PCR Master Mix IVD-CE 3 tubes	25 rxn 50 rxn 100 rxn ABCNB1 ABCNB2 ABCNB3
<i>Bosphore CNS Mini Panel Kit v1 + Bosphore Viral Infections in the Immunosuppressed Panel Kit</i>		
<b>Bosphore Neonatal Meningitis Panel Kit v1*</b>		
Internal Control E.coli, L. monocytogenes, Streptococcus group B	Ready to Use PCR Master Mix IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABNEO1 ABNEO2 ABNEO3
<b>Bosphore Neonatal Meningitis Panel Kit v2*</b>		
Internal Control E.coli, L. monocytogenes, Streptococcus group B, S. pneumoniae	Ready to Use PCR Master Mix IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABNEO4 ABNEO5 ABNEO6
<b>Bosphore Rash-Fever Panel Kit v1*</b>		
Internal Control Enterovirus, Parechovirus, Parvovirus B19, HHV-6, HHV-7	Ready to Use PCR Master Mix IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABRFP1 ABRFP2 ABRFP3
<b>Bosphore Vesicular Rash Panel Kit</b>		
Internal Control HSV-1, HSV-2, VZV	Ready to Use PCR Master Mix IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABVRP1 ABVRP2 ABVRP3
<b>Bosphore Enterovirus Detection Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix IVD-CE	25 rxn 50 rxn 100 rxn ABENT1 ABENT2 ABENT3
<b>Bosphore Enterovirus Quantification Kit v1</b>		
Internal Control	Ready to Use PCR Master Mix IVD-CE	25 rxn 50 rxn 100 rxn ABENQ1 ABENQ2 ABENQ3

MENINGITIS & CNS PANEL

Diagnostic Kits	Nucleic Acid Extraction	Instruments	
<b>EYE INFECTION</b>	<b>Bosphore Eye Infection Panel Kit (Bundle Kit)*</b>		
	Internal Control Adenovirus, CMV, C. trachomatis, EBV, HSV-1, HSV-2, VZV, <i>Bosphore Vesicular Rash Panel Kit + Bosphore C. trachomatis Detection Kit v1 + Bosphore Viral Infections in the Immunosuppressed Panel Kit</i>	Ready to Use PCR Master Mix IVD-CE 3 tubes	25 rxn 50 rxn 100 rxn ABEYE1 ABEYE2 ABEYE3
	<b>Bosphore Sepsis Pathogens Panel Kit v1*</b>		
<b>SEPSIS</b>	Internal Control A.baumannii, Aspergillus spp., C.albicans, C.glabrata, C.tropicalis, CoNS, E.coli, E.faecalis, E.faecium, K.pneumoniae, Paeruginosa, S.maltophilia, S.epidermidis, S.aureus, Streptococcus spp.	Ready to Use PCR Master Mix IVD-CE 5 tubes	25 rxn 50 rxn 100 rxn ABSEP1 ABSEP2 ABSEP3
	<b>Bosphore Sepsis Pathogens Panel Kit v2</b>		
	Internal Control E. faecalis, E. faecium, E. coli, H. influenza (type B), K. pneumoniae, L. monocytogenes, N. meningitidis, P. aeruginosa, S. aureus, S. enterica, S. pneumoniae	Ready to Use PCR Master Mix IVD-CE 5 tubes	25 rxn 50 rxn 100 rxn ABSEP4 ABSEP5 ABSEP6
<b>Bosphore Sepsis Pathogens Panel Kit v3</b>			
Internal Control A.baumannii, Aspergillus spp., C.albicans, C.glabrata, C.tropicalis, CoNS, E.coli, E.faecalis, E.faecium, H. influenza (type B),K.pneumoniae, L. monocytogenes, N. meningitidis, Paeruginosa, S.aureus, S.enterica, S.epidermidis, S.maltophilia, S.pneumoniae, Staphylococcus spp., Streptococcus spp.	Ready to Use PCR Master Mix IVD-CE 7 tubes	25 rxn 50 rxn ABSEP7 ABSEP8	
<b>TROPICAL PATHOGENS</b>	<b>Bosphore Malaria Detection Kit v2</b>		
	Internal Control P. falciparum, P. malariae, P. ovale, P. vivax	Ready to Use PCR Master Mix IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABMAL4 ABMAL5 ABMAL6
	<b>Bosphore Malaria Genotyping Kit v1</b>		
Internal Control P. falciparum, P. malariae, P. ovale, P. vivax	Ready to Use PCR Master Mix IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABMLG1 ABMLG2 ABMLG3	
<b>Bosphore Plasmodium falciparum Quantification Kit v1</b>			
Internal Control	Ready to Use PCR Master Mix IVD-CE	25 rxn 50 rxn 100 rxn ABFAL1 ABFAL2 ABFAL3	
<b>Bosphore Dengue-Chikungunya Detection Kit*</b>			
Internal Control	Ready to Use PCR Master Mix IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABDCD1 ABDCD2 ABDCD3	
<b>Bosphore Dengue Virus Detection Kit v1</b>			
Internal Control	Ready to Use PCR Master Mix IVD-CE	25 rxn 50 rxn 100 rxn ABDEN1 ABDEN2 ABDEN3	
<b>Bosphore Dengue Virus Genotyping Kit v1</b>			
Internal Control Dengue Virus Serotypes 1-2-3-4	Ready to Use PCR Master Mix IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABDEG1 ABDEG2 ABDEG3	

\*EACH PARAMETER AND INDIVIDUAL PCR MIX CAN BE PROVIDED AS SINGLE KIT SEPARATELY



# Real-Time PCR Kits

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore Tropical Fever Panel Kit v1*</b>		
<b>Internal Control</b> Dengue Virus, Salmonella enterica, West Nile Virus, Chikungunya Virus, Plasmodium spp., Leptospira spp.	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>3 tubes</b> 25 rxn 50 rxn 100 rxn
		<b>ABTFP1</b> <b>ABTFP2</b> <b>ABTFP3</b>
<b>Bosphore Chikungunya Virus Detection Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABCHK1</b> <b>ABCHK2</b> <b>ABCHK3</b>
<b>Bosphore CCHFV Quantification Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABCCH1</b> <b>ABCCH2</b> <b>ABCCH3</b>
<b>Bosphore West Nile Virus Quantification Kit v2</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABWNV4</b> <b>ABWNV5</b> <b>ABWNV6</b>
<b>Bosphore Zika Virus Detection Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABZIK1</b> <b>ABZIK2</b> <b>ABZIK3</b>
<b>Bosphore JEV Detection Kit v1</b>		
<b>Internal Control</b> Japanese Encephalitis Virus	<b>IVD-CE</b>	25 rxn 50 rxn 100 rxn
		<b>ABJEV1</b> <b>ABJEV2</b> <b>ABJEV3</b>
<b>Bosphore Gastroenteritis Panel Kit v1*</b>		
<b>Internal Control</b> Adenovirus, Astrovirus, Campylobacter spp., C. difficile, Norovirus Genotype I-II, Rotavirus, Salmonella spp.	<b>IVD-CE</b> <b>3 tubes</b>	25 rxn 50 rxn 100 rxn
		<b>ABGAS1</b> <b>ABGAS2</b> <b>ABGAS3</b>
<b>Bosphore Gastroenteritis Panel Kit v2*</b>		
<b>Internal Control</b> Adenovirus, Astrovirus, Campylobacter spp., C. difficile, E.coli (EIEC)/Shigella spp., E.coli (VTEC), Norovirus Genotype I-II, Rotavirus, Salmonella spp., Y. enterocolitica	<b>IVD-CE</b> <b>4 tubes</b>	25 rxn 50 rxn 100 rxn
		<b>ABGAS4</b> <b>ABGAS5</b> <b>ABGAS6</b>
<b>Bosphore Gastroenteritis Panel Kit v3*</b>		
<b>Internal Control</b> Adenovirus, Astrovirus, C. difficile, Campylobacter spp, Cryptosporidium spp., E. histolytica, Enteroinvasive E.coli (EIEC), G. Duodenalis, Norovirus Genotype I-II, Rotavirus, Salmonella spp., Shigella spp., Verotoxigenic E.coli (VTEC), Y. enterocolitica	<b>IVD-CE</b> <b>5 tubes</b>	25 rxn 50 rxn
		<b>ABGAS7</b> <b>ABGAS8</b>
<b>Bosphore Helicobacter pylori Detection Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>1 tube</b> 25 rxn 50 rxn 100 rxn
		<b>ABHPY1</b> <b>ABHPY2</b> <b>ABHPY3</b>
<b>Bosphore Helicobacter pylori Genotyping Kit v1</b>		
<b>Internal Control</b> A2142G - A2142C - A2143G Clarithromycin Resistance Mutations	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>3 tubes</b> 25 rxn 50 rxn 100 rxn
		<b>ABHPG1</b> <b>ABHPG2</b> <b>ABHPG3</b>

TROPICAL PATHOGENS

GASTRO PANEL

H. PYLORI

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore TTV Detection Kit v1</b>		
<b>TTV</b> Torque Teno Virus	<b>Ready to Use PCR Master Mix</b>	25 rxn 50 rxn 100 rxn
		<b>ABTTV1</b> <b>ABTTV2</b> <b>ABTTV3</b>
<b>Bosphore Aspergillus Detection Kit v1</b>		
<b>ASPERGILLUS</b> Internal Control	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABASP1</b> <b>ABASP2</b> <b>ABASP3</b>
<b>Bosphore C. albicans Detection Kit v1</b>		
<b>CANDIDA</b> Internal Control	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABCAD1</b> <b>ABCAD2</b> <b>ABCAD3</b>
<b>Bosphore Candida Basic Panel Kit v2*</b>		
<b>Internal Control</b> C.albicans, C. glabrata, C.krusei, C. parapsilosis	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> <b>2 tubes</b> 25 rxn 50 rxn 100 rxn
		<b>ABCAB4</b> <b>ABCAB5</b> <b>ABCAB6</b>
<b>Bosphore MTBC Detection Kit v2</b>		
<b>MYCOBACTERIUM</b> Internal Control	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABTBD4</b> <b>ABTBD5</b> <b>ABTBD6</b>
<b>Bosphore NTM Detection Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	25 rxn 50 rxn 100 rxn
		<b>ABNTM1</b> <b>ABNTM2</b> <b>ABNTM3</b>
<b>Bosphore Brucella Detection Kit v1</b>		
<b>Internal Control</b>	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABBRC1</b> <b>ABBRC2</b> <b>ABBRC3</b>
<b>Bosphore Measles Detection Kit v1</b>		
<b>MEASLES</b> Internal Control	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABMEA1</b> <b>ABMEA2</b> <b>ABMEA3</b>
<b>Bosphore Mumps Detection Kit v1</b>		
<b>MUMPS</b> Internal Control	<b>Ready to Use PCR Master Mix</b>	<b>IVD-CE</b> 25 rxn 50 rxn 100 rxn
		<b>ABMUM1</b> <b>ABMUM2</b> <b>ABMUM3</b>
<b>Bosphore Toxoplasma Detection Kit v1</b>		
<b>TOXOPLASMA</b> Internal Control	<b>Ready to Use PCR Master Mix</b>	25 rxn 50 rxn 100 rxn
		<b>ABTXP1</b> <b>ABTXP2</b> <b>ABTXP3</b>

\*EACH PARAMETER AND INDIVIDUAL PCR MIX CAN BE PROVIDED AS SINGLE KIT SEPARATELY

# Drug Resistance Sequencing Kits

# Genetic Mutation Detection

Diagnostic Kits

Nucleic Acid Extraction

Instruments

HBV

## Bosphore HBV Drug Resistance Mutation Sequencing Kit v1

RT Region	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	ABBDR0 ABBDR1 ABBDR2 ABBDR3
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## Bosphore HCV Drug Resistance Mutation Sequencing Kit v1

NS3 Region Genotypes: 1a, 1b	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	ABCDR0 ABCDR1 ABCDR2 ABCDR3
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## Bosphore NS5A-1a Sequencing Kit v1

NS5A Region Genotype: HCV 1a	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	AB5AA0 AB5AA1 AB5AA2 AB5AA3
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## Bosphore NS5A-1b Sequencing Kit v1

NS5A Region Genotype: HCV 1b	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	AB5AB0 AB5AB1 AB5AB2 AB5AB3
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## Bosphore NS5B-1a Sequencing Kit v1

NS5B Region Genotype: HCV 1a	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	AB5BA0 AB5BA1 AB5BA2 AB5BA3
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## Bosphore NS5B-1b Sequencing Kit v1

NS5B Region Genotype: HCV 1b	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	AB5BB0 AB5BB1 AB5BB2 AB5BB3
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## Bosphore HIV-1 Drug Resistance Mutation Sequencing Kit v1

RT, Protease and Integrase Regions	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	ABIDR0 ABIDR1 ABIDR2 ABIDR3
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## Bosphore HIV-1 Drug Resistance Mutation Sequencing Kit v2

RT and Protease Regions	IVD-CE	12 rxn 24 rxn 48 rxn 96 rxn	ABIDR4 ABIDR5 ABIDR6 ABIDR7
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HIV-1

Diagnostic Kits

Nucleic Acid Extraction

Instruments

## Bosphore Prothrombin Detection Kit v3

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABPRO7 ABPRO8 ABPRO9
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## Bosphore Prothrombin Detection Kit v4 (Fast Extraction)

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABPROA ABPROB ABPROC
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Includes EX-Tract DNA Solution. No additional NA extraction kit needed

## Bosphore FVL Detection Kit v3

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABFVL7 ABFVL8 ABFVL9
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## Bosphore FVL Detection Kit v4 (Fast Extraction)

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABFVLA ABFVLB ABFVLC
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Includes EX-Tract DNA Solution. No additional NA extraction kit needed

## Bosphore FVC Detection Kit v1

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABFVC1 ABFVC2 ABFVC3
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## Bosphore FVC Detection Kit v2 (Fast Extraction)

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABFVC4 ABFVC5 ABFVC6
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Includes EX-Tract DNA Solution. No additional NA extraction kit needed

## Bosphore FV H1299R Detection Kit v1

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABFVH1 ABFVH2 ABFVH3
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## Bosphore FV H1299R Detection Kit v2 (Fast Extraction)

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABFVH4 ABFVH5 ABFVH6
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Includes EX-Tract DNA Solution. No additional NA extraction kit needed

## Bosphore FXIII Detection Kit v3

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABF137 ABF138 ABF139
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## Bosphore FXIII Detection Kit v4 (Fast Extraction)

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	ABF13A ABF13B ABF13C
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Includes EX-Tract DNA Solution. No additional NA extraction kit needed

## Bosphore MTHFR C677T Detection Kit v3

Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn	AB6777 AB6778 AB6779
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THROMBOPHILIA PANEL

# Genetic Mutation Detection

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore MTHFR C677T Detection Kit v4 (Fast Extraction)</b>		
Ready to Use PCR Master Mix Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE	25 rxn 50 rxn 100 rxn AB677A AB677B AB677C
<b>Bosphore MTHFR A1298C Detection Kit v3</b>		
Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn AB1297 AB1298 AB1299
<b>Bosphore MTHFR A1298C Detection Kit v4 (Fast Extraction)</b>		
Ready to Use PCR Master Mix Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE	25 rxn 50 rxn 100 rxn AB129A AB129B AB129C
<b>Bosphore FII-FVL Detection Kit v1</b>		
Ready to Use PCR Master Mix Prothrombin, Factor V Leiden	IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABFIV1 ABFIV2 ABFIV3
<b>Bosphore FII-FVL Detection Kit v2 (Fast Extraction)</b>		
Ready to Use PCR Master Mix Prothrombin, Factor V Leiden Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABFIV4 ABFIV5 ABFIV6
<b>Bosphore MTHFR 677-1298 Detection Kit v1</b>		
Ready to Use PCR Master Mix MTHFR 677, MTHFR 1298	IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABMTH1 ABMTH2 ABMTH3
<b>Bosphore MTHFR 677-1298 Detection Kit v2 (Fast Extraction)</b>		
Ready to Use PCR Master Mix MTHFR 677, MTHFR 1298 Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE 1 tube	25 rxn 50 rxn 100 rxn ABMTH4 ABMTH5 ABMTH6
<b>Bosphore Thrombophilia Panel Kit v1</b>		
Ready to Use PCR Master Mix / Multiplex in two tubes Prothrombin, Factor V Leiden , MTHFR C677T, MTHFR A1298C	IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABTPK1 ABTPK2 ABTPK3
<b>Bosphore Thrombophilia Panel Kit v2 (Fast Extraction)</b>		
Ready to Use PCR Master Mix / Multiplex in two tubes Prothrombin, Factor V Leiden , MTHFR C677T, MTHFR A1298C Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE 2 tubes	25 rxn 50 rxn ABTPK4 ABTPK5
<b>Bosphore Thrombophilia Panel Kit v3</b>		
Ready to Use PCR Master Mix / Multiplex in two tubes Prothrombin, Factor V Leiden , MTHFR C677T, MTHFR A1298C	IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABTPK7 ABTPK8 ABTPK9
<b>Bosphore Thrombophilia Panel Kit v4 (Fast Extraction)</b>		
Ready to Use PCR Master Mix / Multiplex in two tubes Prothrombin, Factor V Leiden , MTHFR C677T, MTHFR A1298C Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABTPKA ABTPKB ABTPKC

THROMBOPHILIA PANEL

Diagnostic Kits	Nucleic Acid Extraction	Instruments
<b>Bosphore PAI-1 4G/5G Detection Kit v1</b>		
Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn ABPAI1 ABPAI2 ABPAI3
<b>Bosphore PAI-1 844 Detection Kit v1</b>		
Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn AB8441 AB8442 AB8443
<b>Bosphore FMF Mutation Analysis Kit v1</b>		
Ready to Use PCR Master Mix 7 Mutations	IVD-CE 7 tubes	25 rxn 50 rxn ABFMF1 ABFMF2
<b>Bosphore FMF Mutation Analysis Kit v2</b>		
Ready to Use PCR Master Mix 12 Mutations	IVD-CE 12 tubes	25 rxn 50 rxn ABFMF4 ABFMF5
<b>Bosphore FMF Mutation Analysis Kit v3</b>		
Ready to Use PCR Master Mix 15 Mutations	IVD-CE 15 tubes	25 rxn 50 rxn ABFMF7 ABFMF8
<b>Bosphore HLA B27 Detection Kit v1</b>		
Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn ABB271 ABB272 ABB273
<b>Bosphore HLA B27 Detection Kit v2 (Fast Extraction)</b>		
Ready to Use PCR Master Mix Includes EX-Tract DNA Solution. No additional NA extraction kit needed	IVD-CE	25 rxn 50 rxn 100 rxn ABB274 ABB275 ABB276
<b>Bosphore HLA B57:01 Detection Kit v1</b>		
	IVD-CE 2 tubes	25 rxn 50 rxn 100 rxn ABB571 ABB572 ABB573
<b>Bosphore Interleukin-28B (IL-28B) Detection Kit</b>		
Ready to Use PCR Master Mix	IVD-CE	25 rxn 50 rxn 100 rxn ABI281 ABI282 ABI283

FAMILIAL MEDITERRANEAN FEVER

HLA

IL - 28B

Diagnostic Kits      **Nucleic Acid Extraction**      Instruments

Diagnostic Kits      **Nucleic Acid Extraction**      Instruments

AUTOMATED NUCLEIC ACID EXTRACTION

### Magnesia2448 Nucleic Acid Extraction & PCR Setup Robot

Magnetic bead technology	Up to 48 Samples	IVD-CE	MAG48
Cross-contamination control	Cooling Block & Shaker		
Can work on primary sample tube	Integrated UV		
LIS connectivity	Optional barcode reader		
Run time : 180 - 210 min	Optional HEPA filter		
<b>Available extraction kits</b>			
Viral DNA/RNA, Whole Blood Genomic DNA, Bacterial DNA extractions			

### Unio B24 Extraction System

Magnetic bead technology	Up to 24 Samples	IVD-CE	AUB24
Cross-contamination control	Integrated UV		
LIS connectivity	Optional barcode reader		
Run time : 30-70 min	Optional HEPA filter		
<b>Available extraction kits</b>			
Versatile, Viral DNA/RNA, Whole Blood Genomic DNA, Bacterial DNA, Plant DNA			

### Unio 96 Extraction & PCR Setup System

Magnetic bead technology	Up to 96 Samples	IVD-CE	AUH96
Cross-contamination control	Cooling Block & Shaker		
Can work on primary sample tube	Integrated UV		
LIS connectivity	Integrated barcode reader		
Run time : 120-150 min	Optional HEPA filter		
<b>Available extraction kits</b>			
Versatile, Viral DNA/RNA, Whole Blood Genomic DNA, Bacterial DNA, Tissue Genomic DNA			

### 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)		

### Unima96 Real-Time PCR Instrument

96- well capacity		IVD-CE	RT-096
PMT technology	LED light source		
Peltier module heating	4 filters		

### Bosphore EX-Tract Dry Swab RNA Solution

No organic extraction or alcohol precipitation	IVD-CE	150 extractions	ABXTRS
Starting Volume : 400-700 µl	Total Processing Time: <10 mins	250 extractions	ABXTRR

### Bosphore COVID-19 Sampling and Viral RNA Extraction Kit

No organic extraction or alcohol precipitation	IVD-CE	150 extractions	ABXTRB
Starting Volume : 1 ml	Total Processing Time: <20 mins		
Includes sampling swab, can be used as transport liquid			

### Bosphore STD EX-Tract Kit

No organic extraction or alcohol precipitation	IVD-CE	25 extractions	ABXEXS1
Flexible Starting Volume	Total Processing Time: <30 mins		
Compatible with Bosphore STD and HPV Panel Real-Time PCR Kits			
Compatible with various swab and urine specimens			

SPIN COLUMN NUCLEIC ACID EXTRACTION

### 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 Viral DNA Extraction Spin Kit

No organic extraction or alcohol precipitation	IVD-CE	100 extractions	ABXVD1
Starting Volume : 200 µl			
Hands-on Time : 55 min	Run Time: 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 Viral DNA/RNA Extraction Spin Kit

No organic extraction or alcohol precipitation	IVD-CE	100 extractions	ABXDR1
Starting Volume : 400 µl			
Hands-on Time : 55 min	Run Time: 80 min		

### Bosphore Genomic DNA Extraction Spin Kit v2

No organic extraction or alcohol precipitation	IVD-CE	100 extractions	ABXGD2
Starting Volume : 400 µl			
Hands-on Time : 55 min	Run Time: 80 min		

### Bosphore Tissue Genomic DNA Extraction Spin Kit v2

No organic extraction or alcohol precipitation	IVD-CE	100 extractions	ABXTD2
Starting Volume : 50 mg			
Hands-on Time : 55 min	Run Time: 80 min		

### Bosphore Bacterial DNA Extraction Spin Kit

No organic extraction or alcohol precipitation	IVD-CE	100 extractions	ABXBD1
Starting Volume : 200-1000 µl			
Hands-on Time : 55 min	Run Time: Pre-treatment + 80 min		

### Bosphore Cultured Cell Genomic DNA Extraction Spin Kit

No organic extraction or alcohol precipitation		100 extractions	ABXCD1
Starting Volume : 400 µl			
Hands-on Time : 55 min	Run Time: Pre-treatment + 80 min		

### Bosphore Total RNA Extraction Spin Kit

No organic extraction or alcohol precipitation		100 extractions	ABXTR1
Starting Volume : 400 µl			
Hands-on Time : 55 min	Run Time: 80 min		

### Bosphore PCR Product Purification Spin Kit

No organic extraction or alcohol precipitation		100 extractions	ABPUR1
Starting Volume : Up to 200 µl	Run Time: 30 min		

Diagnostic Kits

Nucleic Acid Extraction

Instruments

## 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			

## Magrev Nucleic Acid Extraction Versatile Kit

Magnetic bead technology		IVD-CE	96 extractions	AEMGV1
Starting Volume : 500 µl (recommended)				
Run Time : 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				

## Magrev Whole Blood Genomic DNA Extraction Kit

Magnetic bead technology		IVD-CE	96 extractions	AEMGD1
Starting Volume : 400 µl (recommended)				
Run Time : 55 min (for 24-sample full run)				
Hands-on Time : 15 min				

## Magrev Bacterial DNA Extraction Kit

Magnetic bead technology		IVD-CE	96 extractions	AEMBD1
Starting Volume : 400 µl (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 Cultured Cell Genomic DNA Extraction Kit

Magnetic bead technology			96 extractions	AEMCD1
Starting Volume : 400 µl (recommended)				
Run Time : Pre-treatment + 55 min (for 24-sample full run)				
Hands-on Time : 15 min				

## Magrev Whole Blood RNA Extraction Kit

Magnetic bead technology			96 extractions	AEMWR1
Starting Volume : 400 µl (recommended)				
Run Time : 60 min (for 24-sample full run)				
Hands-on Time : 15 min				

MANUAL MAGNETIC BEAD NUCLEIC ACID EXTRACTION



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 350 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 50 countries.

As one of the first few companies to launch IVD-CE marked SARS-CoV-2 diagnostic kit, Anatolia Geneworks demonstrated its fast-responding R&D. In addition to that, customer and demand-driven mindset along with dynamic and flexible production infrastructure have allowed Anatolia Geneworks to provide help for COVID-19 pandemic diagnosis for millions of people in more than 70 countries under these extremely difficult times.

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.



# Alpha IVD **Product List**

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