ELISA

VECTOR BEST

Diagnostic kits for ELISA testing

CATALOG 2024

Accurate diagnosis -
effective treatment!

VECTOR BEST

Product list
2024

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Product list of the ELISA diagnostic kits
Compliance with the requirements of international standard EN ISO 13485:2016

Contents

New kits

Human immunodeficiency virus

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
0134	**HIV-1 p24-antigen-EIA-BEST**	12×8	Blood serum/plasma	Detection and confirmation of the presence of HIV-1 p24 antigen
	CombiBest HIV-1,2 Ag/Ab		Blood serum/plasma	Detection of anti-HIV-1, 2 antibodies and HIV-1 p24 antigen
0151	Set 1	24×8		
0152	Set 2	12×8		
	UniBest HIV-1,2 Ab		Blood serum/plasma	Detection of total antibodies to HIV-1, 2 Two-step analysis
0193	Set 1/strip	24×8		
0192	Set 2	12×8		
0160	**LIA-Blot HIV-1,2 BEST**	24	Blood serum/plasma	Confirmation of the presence of antibodies to HIV-1, 2 antigens by immunoblot

Hepatitis viruses A, B, C, D, E

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Hepatitis A
0352	**Vectohep A-IgM**	12×8	Blood serum/plasma	Detection of IgM to hepatitis A virus
0356	**HAV-antigen-EIA-BEST**	12×8	Feces	Detection of hepatitis A virus antigen
0362 CE	**Vectohep A-IgG**	12×8	Blood serum/plasma, blood products	Detection and quantification of IgG to hepatitis A virus
				Hepatitis B
	HBsAg-EIA-BEST		Blood serum/plasma	Detection of HBs antigen Two-step analysis Sensitivity: 0.01 IU/ml
0543	Set 2	24×8		
0544	Set 3	12×8		
0546	**HBsAg-confirmatory-EIA-BEST**	6×8	Blood serum/plasma	Confirmation of the presence of HBs antigen Sensitivity: 0.01 IU/ml
	Vectohep B-HBs-antigen		Blood serum/plasma	Detection of HBs antigen One-step analysis Sensitivity: 0.05/0.01 IU/ml
0557	Set 2	24×8		
0556	Set 3	12×8		
0559	Set 4	480		
0558	**Vectohep B-HBs-antigen-confirmatory test** Set 1	6×8	Blood serum/plasma	Confirmation of the presence of HBs antigen One-step analysis Sensitivity: 0.05/0.01 IU/ml

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Hepatitis B
0545	**HBsAg-EIA-BEST-quantitative**	12×8	Blood serum/plasma	Quantification of HBs antigen Sensitivity: 0.05 IU/ml Measurement range: 0–10 IU/ml
0562	**VectoHBsAg-antibodies**	12×8	Blood serum/plasma	Detection and quantification of antibodies to HBs antigen
0564	**VectoHBcAg-IgM**	12×8	Blood serum/plasma	Detection of IgM to hepatitis B core antigen
0566	**VectoHBcAg-antibodies**	12×8	Blood serum/plasma	Detection of total antibodies to hepatitis B core antigen
0574	**HepaBest anti-HBc-IgG**	12×8	Blood serum/plasma	Detection of IgG to hepatitis B core antigen
0576	**VectoHBe-antigen**	12×8	Blood serum/plasma	Detection of E antigen of hepatitis B virus
0578	**VectoHBe-IgG**	12×8	Blood serum/plasma	Detection of IgG to HBe antigen of hepatitis B virus
				Hepatitis C
0761	**Best anti-HCV-IgM**	12×8	Blood serum/plasma	Detection of IgM to hepatitis C virus
	Best anti-HCV			
0772	Set 1	12×8	Blood serum/plasma	Detection of IgG and IgM to hepatitis C virus
0773	Set 2	24×8		
0775	Set 3	60×8		
0774	**Best anti-HCV-spectrum**	6×4	Blood serum/plasma	Detection of IgG and IgM to the antigens of hepatitis C virus (core, NS3, NS4, NS5)
0776	**Best anti-HCV-confirmatory test**	12×4	Blood serum/plasma	Confirmation of the presence of IgG and IgM to hepatitis C virus
	HCV Ag/Ab-EIA-BEST			
0777	Set 1	12×8	Blood serum/plasma	Detection of antibodies to hepatitis C virus and HCV core antigen
0778	Set 2	24×8		
0779	**HCV core-antigen-EIA-BEST**	12×8	Blood serum/plasma	Detection of hepatitis C virus core antigen
				Hepatitis D
0952	**Vectohep D-IgM**	12×8	Blood serum/plasma	Detection of IgM to hepatitis D virus
0954	**Vectohep D-antibodies**	12×8	Blood serum/plasma	Detection of total antibodies to hepatitis D virus

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Hepatitis E
1056	**Vectohep E-IgG**	12×8	Blood serum/plasma	Detection of IgG to hepatitis E virus
1058	**Vectohep E-IgM**	12×8	Blood serum/plasma	Detection of IgM to hepatitis E virus

Sexually transmitted infections (STIs)

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Syphilis
1852	**RecombiBest antipallidum-IgG** Set 2	12×8	Blood serum/plasma	Detection of IgG to *Treponema pallidum*
1856 **1857** **1875**	**RecombiBest antipallidum-total antibodies** Set 2 Set 3 Set 4	12×8 24×8 60×8	Blood serum/plasma	Detection of total antibodies to *Treponema pallidum*
1858	**RecombiBest antipallidum-IgM**	12×8	Blood serum/plasma	Detection of IgM to *Treponema pallidum*
1860	**Treponema pallidum-blot-BEST**	24	Blood serum/plasma, cerebrospinal fluid	Confirmation of the presence of antibodies to *Treponema pallidum* by immunoblot
1812	**LumiBest antipallidum**	80	Blood serum, cerebrospinal fluid	Detection of antibodies to *Treponema pallidum* by immunofluorescence
1820	**PHA-BEST antipallidum**	100	Blood serum, cerebrospinal fluid	Detection of antibodies to *Treponema pallidum* by passive hemagglutination reaction
1822	**Anticardiolipin-RPR-BEST**	400	Blood serum/plasma, cerebrospinal fluid	Detection of syphilis-associated antibodies to cardiolipin by the precipitation reaction
				Chlamydiosis
1964	**ChlamyBest C.trachomatis-IgG**	12×8	Blood serum/plasma	Detection of IgG to *Chlamydia trachomatis*
1966	**ChlamyBest C.trachomatis-IgM**	12×8	Blood serum/plasma	Detection of IgM to *Chlamydia trachomatis*
1968	**ChlamyBest C.trachomatis-IgA**	12×8	Blood serum/plasma	Detection of IgA to *Chlamydia trachomatis*
1972	**ChlamyBest cHSP60-IgG**	12×8	Blood serum/plasma	Detection of IgG to *Chlamydia trachomatis* heat shock protein (cHSP60)
1982	**ChlamyBest MOMP+ Pgp3-IgG**	12×8	Blood serum/plasma	Detection of IgG to *Chlamydia trachomatis* major outer membrane protein (MOMP) and plasmiencoded protein (Pgp3)

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Trichomoniasis
2052	**Trichomonas vaginalis-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Trichomonas vaginalis*
2058	**Trichomonas vaginalis-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to *Trichomonas vaginalis*
				Ureaplasmosis
2254	**Ureaplasma urealyticum-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Ureaplasma urealyticum* antigens
2258	**Ureaplasma urealyticum-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Ureaplasma urealyticum* antigens
				Mycoplasmosis
4352	**Mycoplasma hominis-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Mycoplasma hominis*
4358	**Mycoplasma hominis-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to *Mycoplasma hominis*

Human herpes viruses and TORCH-infections

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Toxoplasmosis
1752	**VectoToxo-IgG**	12×8	Blood serum/plasma	Detection and quantification of IgG to *Toxoplasma gondii*
1754	**VectoToxo-IgA**	12×8	Blood serum/plasma	Detection of IgA to *Toxoplasma gondii*
1756	**VectoToxo-IgM**	12×8	Blood serum/plasma	Detection of IgM to *Toxoplasma gondii*
1760	**Toxo-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to *Toxoplasma gondii* using the antibody capture method
1762	**VectoToxo-IgG-avidity**	6×8	Blood serum/plasma	Determination of the avidity index of IgG to *Toxoplasma gondii*
1764	**VectoToxo-antibodies**	12×8	Blood serum/plasma	Detection of total antibodies to *Toxoplasma gondii*
				Rubella
2552	**VectoRubella-IgG**	12×8	Blood serum/plasma	Detection and quantification of IgG to rubella virus
2554	**VectoRubella-IgM**	12×8	Blood serum/plasma	Detection of IgM to rubella virus
2560	**Rubella-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to rubella virus using the antibody capture method
2556	**VectoRubella-IgG-Avidity**	6x8	Blood serum/plasms	Determination of the avidity index of IgG to rubella virus

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Cytomegalovirus infection
1552	**VectoCMV-IgM**	12×8	Blood serum/plasma	Detection of IgM to cytomegalovirus
1554	**VectoCMV-IgG**	12×8	Blood serum/plasma	Detection of IgG to cytomegalovirus
1556	**CMV-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection and quantification of IgG to cytomegalovirus
1557	**CMV-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to cytomegalovirus using the antibody capture method
1558	**VectoCMV-IgG-avidity**	6×8	Blood serum/plasma	Determination of the avidity index of IgG to cytomegalovirus
1560	**CMV-IgG-blot-BEST**	20	Blood serum/plasma	Confirmation of the presence of IgG to cytomegalovirus by immunoblot
1566	**VectoCMV-IEA-antibodies**	12×8	Blood serum/plasma	Detection of IgG and IgM to cytomegalovirus immediate early antigen
				Herpes simplex virus types 1 and 2 infection
2152	**VectoHSV-1,2-IgG**	12×8	Blood serum/plasma	Detection of IgG to herpes simplex virus types 1 and 2
2154	**VectoHSV-IgM**	12×8	Blood serum/plasma	Detection of IgM to herpes simplex virus types 1 and 2
2156	**VectoHSV-1,2-IgG-avidity**	6×8	Blood serum/plasma	Determination of the avidity index of IgG to herpes simplex virus types 1 and 2
2158	**VectoHSV-1-IgG**	12×8	Blood serum/plasma	Detection of IgG to herpes simplex virus type 1
2180	**VectoHSV-2-IgG**	12×8	Blood serum/plasma	Detection of IgG to herpes simplex virus type 2
2181	**VectoHSV-2-IgM**	12×8	Blood serum/plasma	Detection of IgM to herpes simplex virus type 2
2182	**VectoHSV-2-IgG-avidity**	6×8	Blood serum/plasma	Determination of the avidity index of IgG to herpes simplex virus type 2
				Epstein-Barr virus infection
2170 CE	**VectoEBV-NA-IgG**	12×8	Blood serum/plasma	Detection of IgG to Epstein-Barr virus nuclear antigens
2172 CE	**VectoEBV-EA-IgG**	12×8	Blood serum/plasma	Detection of IgG to Epstein-Barr virus early antigens
2176 CE	**VectoEBV-VCA-IgM**	12×8	Blood serum/plasma	Detection of IgM to Epstein-Barr virus viral capsid antigens
2183	**VectoEBV-VCA-IgG-avidity**	6×8	Blood serum/plasma	Determination of the avidity index of IgG to Epstein-Barr virus viral capsid antigens
2184	**VectoEBV-VCA-IgG**	12×8	Blood serum/plasma	Detection of IgG to Epstein-Barr virus viral capsid antigens

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Human herpes virus type 6 infection
2166	**HHV-6-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to human herpes virus type 6
2167	**HHV-6-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to human herpes virus type 6 using the antibody capture method
				Human herpes virus type 8 infection
2160	**VectoHHV-8-IgG**	12×8	Blood serum/plasma	Detection of IgG to human herpes virus type 8
				Varicella-zoster virus infection
2186	**VectoVZV-gE-IgG**	12×8	Blood serum/plasma	Detection of IgG to varicella-zoster virus glycoprotein E
2188	**VectoVZV-IgM**	12×8	Blood serum/plasma	Detection of IgM to varicella-zoster virus
2192	**VectoVZV-IgG**	12×8	Blood serum/plasma	Detection of IgG to varicella-zoster virus

Mycoses

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Candidiasis
4652	**Candida-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to the fungi of *Candida* genus
4654	**Candida-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to the fungi of *Candida* genus
4656	**Candida-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to the fungi of *Candida* genus
				Aspergillosis
4752	**Aspergillus-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Aspergillus fumigatus* antigens

Tick-borne and zoonotic infections

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Tick-borne encephalitis
1152 CE	**VectoTBEV-IgM**	12×8	Blood serum/plasma	Detection of IgM to tick-borne encephalitis virus
1154	**VectoTBEV-antigen**	12×8	Ticks, cerebrospinal fluid	Detection of tick-borne encephalitis virus antigen
1156 CE	**VectoTBEV-IgG**	12×8	Blood serum/plasma	Detection and quantification of IgG to tick-borne encephalitis virus

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Borreliosis
1452 CE	**LymeBest-IgG**	12×8	Blood serum/plasma	Detection of IgG to the causative agent of Lyme disease
1454 CE	**LymeBest-IgM**	12×8	Blood serum/plasma	Detection of IgM to the causative agent of Lyme disease
				Hemorrhagic fever with renal syndrome
4902 CE	**VectoHanta-IgG**	12×8	Blood serum/plasma	Detection of IgG to hantaviruses
4903	**Hanta-IgG-express-BEST**	10	Blood serum/plasma, whole blood	Detection of IgG to hantaviruses by immunochromatography
4904 CE	**VectoHanta-IgM**	12×8	Blood serum/plasma	Detection of IgM to hantaviruses
4905	**Hanta-IgM-express-BEST**	10	Blood serum/plasma, whole blood	Detection of IgM to hantaviruses by immunochromatography
				Crimean-Congo hemorrhagic fever
5052 CE	**VectoCrimean-CHF-IgG**	12×8	Blood serum/plasma	Detection of IgG to Crimean-Congo hemorrhagic fever virus
5054 CE	**VectoCrimean-CHF-IgM**	12×8	Blood serum/plasma	Detection of IgM to Crimean-Congo hemorrhagic fever virus
5056 CE	**VectoCrimean-CHF-antigen**	12×8	Blood serum/plasma	Detection of Crimean-Congo hemorrhagic fever virus antigen
				West Nile fever
5150 CE	**VectoNile-IgM**	12×8	Blood serum/plasma	Detection of IgM to West Nile virus
5152 CE	**VectoNile-IgG**	12×8	Blood serum/plasma	Detection of IgG to West Nile virus
5154 CE	**VectoNile-IgG-avidity**	6×8	Blood serum/plasma	Determination of the avidity index of IgG to West Nile virus
				Yersiniosis
3202 CE	**Yersinia-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to the causative agents of yersiniosis
3204 CE	**Yersinia-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to the causative agents of yersiniosis
3206 CE	**Yersinia-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to the causative agents of yersiniosis

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Brucellosis
3652	**Brucellosis-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to the causative agent of brucellosis
3654	**Brucellosis-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to the causative agent of brucellosis
3656	**Brucellosis-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to the causative agent of brucellosis
3658	**Brucellosis-antibodies-EIA-BEST**	12×8	Blood serum/plasma	Detection of total antibodies to the causative agent of brucellosis

Vaccine-preventable diseases

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Measles
1356 CE	**VectoMeasles-IgG**	12×8	Blood serum/plasma	Detection and quantification of IgG to measles virus
1358 CE	**VectoMeasles-IgM**	12×8	Blood serum/plasma	Detection of IgM to measles virus
				Mumps
2602 CE	**VectoMumps-IgG**	12×8	Blood serum/plasma	Detection of IgG to mumps virus
2606	**Mumps-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to mumps virus using the antibody capture method

Respiratory infections

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				***Chlamydophila pneumoniae* infection**
1944	**Chlamydophila pneumoniae-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Chlamydophila pneumoniae*
1946	**Chlamydophila pneumoniae-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to *Chlamydophila pneumoniae*
1948	**Chlamydophila pneumoniae-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to *Chlamydophila pneumoniae*
				Respiratory mycoplasmosis
4362	**Mycoplasma pneumoniae-IgG-EIA-BEST**	12×8	Blood serum	Detection of IgG to *Mycoplasma pneumoniae*
4366	**Mycoplasma pneumoniae-IgM-EIA-BEST**	12×8	Blood serum	Detection of IgM to *Mycoplasma pneumoniae*
4368	**Mycoplasma pneumoniae-IgA-EIA-BEST**	12×8	Blood serum	Detection of IgA to *Mycoplasma pneumoniae*

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Coronavirus infection
5501 CE	**SARS-CoV-2-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to SARS-CoV-2
5502 CE	**SARS-CoV-2-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to SARS-CoV-2
5503	**SARS-CoV-2-IgA-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgA to SARS-CoV-2
5504	**SARS-CoV-2-Ab total-EIA-BEST**	12×8	Blood serum/plasma	Detection of total antibodies to SARS-CoV-2
5505 CE	**SARS-CoV-2-IgG quantitative-EIA-BEST**	12×8	Blood serum/plasma	Quantification of IgG to SARS-CoV-2 Sensitivity: 0.5 BAU/ ml
5508	**SARS-CoV-2-Ag-express-BEST**	25	Nasal and oropharyngeal swabs	Detection of SARS-CoV-2 nucleacapsid antigen by immunochromatography
			Tuberculosis	
Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
2352	**AB-Tub-BEST**	12×8	Blood serum/plasma	Detection of total antibodies to *Mycobacterium tuberculosis*
			Parasitic infections	
Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
2752 CE	**Toxocara-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Toxocara* antigens
2952	**Opisthorchis-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Opisthorchis* antigens
2954	**Opisthorchis-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to *Opisthorchis* antigens
2956	**Opisthorchis-CIC-EIA-BEST**	12×8	Blood serum/plasma	Detection of specific circulating immune complexes containing *Opisthorchis* antigens
2958	**Clonorchis-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Clonorchis sinensis* antigens
3152 CE	**Trichinella-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Trichinella* antigens
3154	**Trichinella-IgM-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgM to *Trichinella* antigens
3356 CE	**Echinococcus-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Echinococcus granulosus* antigens
3452 CE	**Ascaris-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Ascaris lumbricoides* antigens

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
3454	**Anisakis-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to the antigens of the nematodes of *Anisakis* genus
3456	**Cysticercus-IgG-EIA-BEST**	12×8	Blood serum/plasma	Detection of IgG to *Taenia solium* antigens
3552	**Lamblia-antibodies-EIA-BEST (Set 1)**	12×8	Blood serum/plasma	Detection of IgA, IgM, and IgG to *Giardia lamblia* antigens
3554	**Lamblia-IgM-EIA-BEST (Set 1)**	12×8	Blood serum/plasma	Detection of IgM to *Giardia lamblia* antigens
3556	**Lamblia-antigen-EIA-BEST**	12×8	Feces	Detection of *Giardia lamblia* antigens
3354	**Helminths-IgG-EIA-BEST**	24×8	Blood serum/plasma	Detection of IgG to the antigens of *Opisthorchis, Trichinella, Toxocara,* and *Echinococcus*

Gastrointestinal diseases

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Helicobacter pylori infection
3752	**Helicobacter pylori-CagA-antibodies-EIA-BEST**	12×8	Blood serum/plasma	Detection of total antibodies to *Helicobacter pylori* CagA antigen
				Rotavirus infection
1652 CE	**Rotavirus-antigen-EIA-BEST**	12×8	Virus-containing culture fluids, feces, samples of drinking and waste water, water from open reservoirs	Detection of human rotavirus antigen
				Adenovirus infection
1654 CE	**Adenovirus-antigen-EIA-BEST**	12×8	Feces	Detection of human adenovirus antigen
				Norovirus infection
1656	**Norovirus-antigen-EIA-BEST**	12×8	Feces	Detection of noroviruses of genogroups I and II

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Celiac disease
3754	**IgG-Gliadin-EIA-BEST**	12×8	Blood serum	Quantification of anti-gliadin antibodies IgG Sensitivity: 1 U/ml Measurement range: 0–100 U/ml
3756	**IgA-Gliadin-EIA-BEST**	12×8	Blood serum	Quantification of anti-gliadin antibodies IgA Sensitivity: 1 U/ml Measurement range: 0–100 U/ml
3758 CE	**IgA-Transglutaminase-EIA-BEST**	12×8	Blood serum/plasma	Quantification of IgA autoantibodies to tissue transglutaminase Sensitivity: 2.5 U/ml Measurement range: 0–100 U/ml
3760 CE	**IgG-Transglutaminase-EIA-BEST**	12×8	Blood serum/plasma	Quantification of IgG autoantibodies to tissue transglutaminase Sensitivity: 2.5 U/ml Measurement range: 0–100 U/ml
				Atrophic gastritis
3762 CE	**Pepsinogen 1-EIA-BEST**	12×8	Blood serum	Quantification of pepsinogen 1 Sensitivity: 0.5 µg/l Measurement range: 0–200 µg/l
3764 CE	**Pepsinogen 2-EIA-BEST**	12×8	Blood serum	Quantification of pepsinogen 2 Sensitivity: 0.5 µg/l Measurement range: 0–50 µg/l

Hormones

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Thyroid function
3952	**TSH-EIA-BEST**	12×8	Blood serum/plasma	Quantification of thyroid stimulating hormone (TSH) Sensitivity: 0.05 mIU/l Measurement range: 0–16 mIU/l
3954	**T3 total-EIA-BEST**	12×8	Blood serum	Quantification of total triiodothyronine (T3) Sensitivity: 0.2 nmol/l Measurement range: 0–9 nmol/l
3956	**T4 total-EIA-BEST**	12×8	Blood serum	Quantification of total thyroxine (T4) Sensitivity: 5 nmol/l Measurement range: 0–400 nmol/l
3962	**T4 free-EIA-BEST**	12×8	Blood serum	Quantification of free thyroxine (T4) Sensitivity: 0.5 pmol/l Measurement range: 0–80 pmol/l

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
3970	**T3 free-EIA-BEST**	12×8	Blood serum	Quantification of free triiodothyronine (T3) Sensitivity: 0.5 pmol/l Measurement range: 0–20 pmol/l
3966	**Tg-EIA-BEST**	12×8	Blood serum	Quantification to thyroglobulin (Tg) Sensitivity: 1.0 ng/ml Measurement range: 0–300 ng/ml
3958	**Anti-Tg-EIA-BEST**	12×8	Blood serum	Quantification of total antibodies to thyroglobulin (Tg) Sensitivity: 5 IU/ml Measurement range: 0–2000 IU/ml
3968	**Anti-TPO-EIA-BEST**	12×8	Blood serum	Quantification of total antibodies to thyroid peroxidase (TPO) Sensitivity: 2 U/ml Measurement range: 0–1000 U/ml
				Reproductive system function
3980	**DHEA-S-EIA-BEST**	12×8	Blood serum/plasma	Quantification of DHEA-S Sensitivity: 0.02 mkg/ml Measurement range: 0–10 mkg/ml
3960	**Prolactin-EIA-BEST**	12×8	Blood serum	Quantification of prolactin Sensitivity: 15 mIU/l Measurement range: 0–3000 mIU/l
3972	**Testosterone-EIA-BEST**	12×8	Blood serum	Quantification of testosterone Sensitivity: 0.2 nmol/l Measurement range: 0–60 nmol/l
3974	**FSH-EIA-BEST**	12×8	Blood serum	Quantification of follicle-stimulating hormone (FSH) Sensitivity: 0.3 mIU/ml Measurement range: 0–100 mIU/ml
3976	**LH-EIA-BEST**	12×8	Blood serum	Quantification of luteinizing hormone (LH) Sensitivity: 0.3 mIU/ml Measurement range: 0–100 mIU/ml
3978	**Progesterone-EIA-BEST**	12×8	Blood serum	Quantification of progesterone Sensitivity: 0.4 nmol/l Measurement range: 0–100 nmol/l
				Pituitary-adrenal system function
3964	**Cortisol-EIA-BEST**	12×8	Blood serum	Quantification of cortisol Sensitivity: 5 nmol/l Measurement range: 0–1200 nmol/l
3980	**DHEA-S-EIA-BEST**	12×8	Blood serum/plasma	Quantification of DHEA-S Sensitivity: 0.02 mkg/ml Measurement range: 0–10 mkg/ml

Diabetes

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
4002	**Insulin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of insulin Sensitivity: 0.75 mIU/l Measurement range: 0–200 mIU/l

Pregnancy

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
4154	**HCG-EIA-BEST**	12×8	Blood serum	Quantification of human chorionic gonadotropin (hCG) Sensitivity: 2 IU/l Measurement range: 0–500 IU/l
4158	**free beta-HCG-EIA-BEST**	12×8	Blood serum	Quantification of free beta-subunit of human chorionic gonadotropin (hCG) Sensitivity: 0.5 ng/ml Measurement range: 0–200 ng/ml
4160	**PAPP-A-EIA-BEST**	12×8	Blood serum	Quantification of pregnancy-associated plasma protein A (PAPP-A) Sensitivity: 20 mIU/l Measurement range: 0–10000 mIU/l
3960	**Prolactin-EIA-BEST**	12×8	Blood serum	Quantification of prolactin Sensitivity: 15 mIU/l Measurement range: 0–3000 mIU/l
8456	**AFP-EIA-BEST**	12×8	Blood serum	Quantification of alpha-fetoprotein (AFP) Sensitivity: 2.5 IU/ml Measurement range: 0–400 IU/ml
8468	**PSG1-EIA-BEST**	12×8	Blood serum	Quantification of pregnancy-specific beta-1-glycoprotein 1 Sensitivity: 1.0 ng/ml Measurement range: 0–200 ng/ml
8552	**Ferritin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of ferritin Sensitivity: 2.5 ng/ml Measurement range: 0–500 ng/ml

Anemia

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
8552	**Ferritin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of ferritin Sensitivity: 2.5 ng/ml Measurement range: 0–500 ng/ml
8776	**Erythropoietin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of erythropoietin Sensitivity: 0.5 mIU/ml Measurement range: 0–200 mIU/ml

Tumor markers

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
4154	**HCG-EIA-BEST**	12×8	Blood serum	Quantification of human chorionic gonadotropin (hCG) Sensitivity: 2 IU/l Measurement range: 0–500 IU/l
4158	**free beta-HCG-EIA-BEST**	12×8	Blood serum	Quantification of free beta-subunit of human chorionic gonadotropin (hCG) Sensitivity: 0.5 ng/ml Measurement range: 0–200 ng/ml
8437	**CYFRA 21-1-EIA-BEST** Set 1	96	Blood serum/plasma	Quantification of soluble fragments of cytokeratin 19 Sensitivity: 0.15 ng/ml Measurement range: 0–50 ng/ml
8454	**CEA-EIA-BEST**	12×8	Blood serum	Quantification of carcinoembryonic antigen (CEA) Sensitivity: 3.3 mIU/ml Measurement range: 0–880 mIU/ml
8455	**CA 72-4-EIA-BEST**	12×8	Blood serum	Quantification of CA 72-4 Sensitivity: 0.16 U/ml Measurement range: 0–100 U/ml
8456	**AFP-EIA-BEST**	12×8	Blood serum	Quantification of alpha-fetoprotein (AFP) Sensitivity: 2.5 IU/ml Measurement range: 0–400 IU/ml
8453	**PSA total-EIA-BEST** variant 2	12×8	Blood serum	Quantification of total prostate-specific antigen (PSA) Sensitivity: 0.01 ng/ml Measurement range: 0–5 ng/ml
8460	**PSA free-EIA-BEST**	12×8	Blood serum	Quantification of free prostate-specific antigen (PSA) Sensitivity: 0.05 ng/ml Measurement range: 0–5 ng/ml
8466	**CA-125-EIA-BEST**	12×8	Blood serum	Quantification of tumor marker CA-125 Sensitivity: 1.5 U/ml Measurement range: 0–400 U/ml
8467	**HE4-EIA-BEST**	12×8	Blood serum	Quantification of tumor marker HE4 Sensitivity: 1.5 pmol/l Measurement range: 0–1000 pmol/l
8468	**PSG1-EIA-BEST**	12×8	Blood serum	Quantification of pregnancy-specific beta-1-glycoprotein 1 Sensitivity: 1.0 ng/ml Measurement range: 0–200 ng/ml
8470	**CA 19-9-EIA-BEST**	12×8	Blood serum	Quantification of CA 19-9 Sensitivity: 1 U/ml Measurement range: 0–300 U/ml
8472	**CA 15-3-EIA-BEST**	12×8	Blood serum	Quantification of tumor marker CA 15-3 Sensitivity: 0.5 U/ml Measurement range: 0–250 U/ml

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
8476	**NSE-EIA-BEST**	12×8	Blood serum	Quantification of neuron specific enolase (NSE) Sensitivity: 0.5 ng/ml Measurement range: 0–130 ng/ml
8552	**Ferritin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of ferritin Sensitivity: 2.5 ng/ml Measurement range: 0–500 ng/ml
3762 CE	**Pepsinogen 1-EIA-BEST**	12×8	Blood serum	Quantification of pepsinogen 1 Sensitivity: 0.5 µg/l Measurement range: 0–200 µg/l
3764 CE	**Pepsinogen 2-EIA-BEST**	12×8	Blood serum	Quantification of pepsinogen 2 Sensitivity: 0.5 µg/l Measurement range: 0–50 µg/l

Acute phase proteins

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
9002	**CRP-EIA-BEST highly sensitive**	12×8	Blood serum	Highly sensitive quantification of C-reactive protein (CRP) Sensitivity: 0.05 IU/l Measurement range: 0–10 IU/l
9004	**Procalcitonin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of procalcitonin Sensitivity: 0.04 ng/ml Measurement range: 0–12.8 ng/ml

Thrombosis

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
9120	**D-dimer-EIA-BEST**	12×8	Blood plasma	Quantification of D-dimer Sensitivity: 10 ng/ml Measurement range: 0–3000 ng/ml

Cardiac markers

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
9002	**CRP-EIA-BEST highly sensitive**	12×8	Blood serum	Highly sensitive quantification of C-reactive protein (CRP) Sensitivity: 0.05 IU/l Measurement range: 0–10 IU/l
9102	**NTproBNP-EIA-BEST**	12×8	Blood serum	Quantification of N-terminal prohormone of brain natriuretic peptide (NTproBNP) Sensitivity: 20 pg/ml Measurement range: 0–2000 pg/ml
9104	**FABP-EIA-BEST**	12×8	Blood serum	Quantification of fatty-acid-binding protein (FABP) Sensitivity: 0.05 ng/ml Measurement range: 0–15 ng/ml

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
9106	**Troponin I-EIA-BEST**	12×8	Blood serum	Quantification of troponin I Sensitivity: 0.02 ng/ml Measurement range: 0–6 ng/ml
9108	**Myoglobin-EIA-BEST**	12×8	Blood serum	Quantification of myoglobin Sensitivity: 4 ng/ml Measurement range: 0–1000 ng/ml
9120	**D-dimer-EIA-BEST**	12×8	Blood plasma	Quantification of D-dimer Sensitivity: 10 ng/ml Measurement range: 0–3000 ng/ml
9130	**Cystatin C-EIA-BEST**	12×8	Blood serum	Quantification of cystatin C Sensitivity: 0.05 µg/ml Measurement range: 0–10 µg/ml

Renal function

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
9130	**Cystatin C-EIA-BEST**	12×8	Blood serum	Quantification of cystatin C Sensitivity: 0.05 µg/ml Measurement range: 0–10 µg/ml
8762	**Interleukin-8-EIA-BEST**	12×8	Blood serum, urine	Quantification of interleukin-8 Sensitivity: 2 pg/ml Measurement range: 0–250 pg/ml
8766	**Interleukin-1 beta-EIA-BEST**	12×8	Blood serum, urine	Quantification of interleukin-1 beta Sensitivity: 1 pg/ml Measurement range: 0–250 pg/ml
8768 CE	**Interleukin-6-EIA-BEST**	12×8	Blood serum, urine	Quantification of interleukin-6 Sensitivity: 0.5 pg/ml Measurement range: 0–300 pg/ml

Systemic and autoimmune diseases

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
3754	**IgG-Gliadin-EIA-BEST**	12×8	Blood serum	Quantification of anti-gliadin antibodies IgG Sensitivity: 1 U/ml Measurement range: 0–100 U/ml
3756	**IgA-Gliadin-EIA-BEST**	12×8	Blood serum	Quantification of anti-gliadin antibodies IgA Sensitivity: 1 U/ml Measurement range: 0–100 U/ml
3758 CE	**IgA-Transglutaminase-EIA-BEST**	12×8	Blood serum/plasma	Quantification of IgA autoantibodies to tissue transglutaminase Sensitivity: 2.5 U/ml Measurement range: 0–100 U/ml
3760 CE	**IgG-Transglutaminase-EIA-BEST**	12×8	Blood serum/plasma	Quantification of IgG autoantibodies to tissue transglutaminase Sensitivity: 2.5 U/ml Measurement range: 0–100 U/ml

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
3958	**Anti-Tg-EIA-BEST**	12×8	Blood serum	Quantification of total antibodies to thyroglobulin (Tg) Sensitivity: 5 IU/ml Measurement range: 0–2000 IU/ml
3968	**Anti-TPO-EIA-BEST**	12×8	Blood serum	Quantification of total antibodies to thyroid peroxidase (TPO) Sensitivity: 2 U/ml Measurement range: 0–1000 U/ml
8652	**RF-IgM-EIA-BEST**	12×8	Blood serum	Quantification of M-class rheumatoid factor Sensitivity: 1.0 U/ml Measurement range: 0–300 U/ml
8654	**RF-total-EIA-BEST**	12×8	Blood serum	Quantification of total rheumatoid factor Sensitivity: 1.0 U/ml Measurement range: 0–300 U/ml
8656	**Vecto-dsDNA-IgG**	12×8	Blood serum	Quantification of autoimmune IgG to double-stranded DNA Sensitivity: 2 IU/ml Measurement range: 0–200 IU/ml
8658	**Vecto-ssDNA-IgG**	12×8	Blood serum	Quantification of autoimmune IgG to single-stranded DNA Sensitivity: 2 U/ml Measurement range: 0–200 U/ml
8660	**IgE total-EIA-BEST**	12×8	Blood serum	Quantification of total IgE Sensitivity: 2.5 IU/ml Measurement range: 0–800 IU/ml

Humoral immune status

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
8660	**IgE total-EIA-BEST**	12×8	Blood serum	Quantification of total IgE Sensitivity: 2.5 IU/ml Measurement range: 0–800 IU/ml
8662	**IgG total-EIA-BEST**	12×8	Blood serum	Quantification of total IgG Sensitivity: 2.5 U/ml Measurement range: 0–300 U/ml
8664	**IgM total-EIA-BEST**	12×8	Blood serum	Quantification of total IgM Sensitivity: 4 U/ml Measurement range: 0–400 U/ml
8666	**IgA total-EIA-BEST**	12×8	Blood serum	Quantification of total IgA Sensitivity: 1.5 U/ml Measurement range: 0–300 U/ml
8674	**Immunoscreen-G, M, A-EIA-BEST**	4×8	Blood serum	Quantification of total IgA, IgM, IgG
8668	**IgA secretory-EIA-BEST**	12×8	Blood serum	Quantification of secretory IgA (sIgA) Sensitivity: 0.35 mg/l Measurement range: 0–20 mg/l

Cytokines

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
8752	**gamma-Interferon-EIA-BEST**	12×8	Blood serum	Quantification of gamma-interferon Sensitivity: 2 pg/ml Measurement range: 0–1000 pg/ml
8754	**Interleukin-4-EIA-BEST**	12×8	Blood serum	Quantification of interleukin-4 Sensitivity: 0.4 pg/ml Measurement range: 0–100 pg/ml
8756	**alpha-TNF-EIA-BEST**	12×8	Blood serum	Quantification of tumor necrosis factor alpha Sensitivity: 1 pg/ml Measurement range: 0–250 pg/ml
8758	**alpha-Interferon-EIA-BEST**	12×8	Blood serum	Quantification of interferon alpha Sensitivity: 5 pg/ml Measurement range: 0–500 pg/ml
8760	**alpha-Interferon-autoimmune antibodies-EIA-BEST**	12×8	Blood serum	Quantification of autoimmune antibodies to interferon alpha Sensitivity: 0.4 ng/ml Measurement range: 0–100 ng/ml
8762	**Interleukin-8-EIA-BEST**	12×8	Blood serum, urine	Quantification of interleukin-8 Sensitivity: 2 pg/ml Measurement range: 0–250 pg/ml
8766	**Interleukin-1 beta-EIA-BEST**	12×8	Blood serum, urine	Quantification of interleukin-1 beta Sensitivity: 1 pg/ml Measurement range: 0–250 pg/ml
8768 CE	**Interleukin-6-EIA-BEST**	12×8	Blood serum, urine	Quantification of interleukin-6 Sensitivity: 0.5 pg/ml Measurement range: 0–300 pg/ml
8770	**Interleukin-18-EIA-BEST**	12×8	Blood serum	Quantification of interleukin-18 Sensitivity: 2 pg/ml Measurement range: 0–1000 pg/ml
8772	**Interleukin-2-EIA-BEST**	12×8	Blood serum	Quantification of interleukin-2 Sensitivity: 2 pg/ml Measurement range: 0–500 pg/ml
8774	**Interleukin-10-EIA-BEST**	12×8	Blood serum	Quantification of interleukin-10 Sensitivity: 1 pg/ml Measurement range: 0–500 pg/ml
8776	**Erythropoietin-EIA-BEST**	12×8	Blood serum/plasma	Quantification of erythropoietin Sensitivity: 0.5 mIU/ml Measurement range: 0–200 mIU/ml
8782	**MCP-1-EIA-BEST**	12×8	Blood serum	Quantification of monocyte chemoattractant protein-1 (MCP-1) Sensitivity: 15 pg/ml Measurement range: 0–2000 pg/ml
8784	**VEGF-EIA-BEST**	12×8	Blood serum	Quantification of vascular endothelial growth factor (VEGF) Sensitivity: 10 mIU/ml (pg/ml) Measurement range: 0–2000 mIU/ml (pg/ml)

Passed for printing on 10.01.2024. Circulation 150 copies.

PCR

VECTOR BEST

Diagnostic kits for real-time PCR

CATALOG 2024

Accurate diagnosis - effective treatment!

VECTOR BEST

Product list
2024

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Product list of the PCR diagnostic kits
Compliance with the requirements of international standard EN ISO 13485:2016

Contents

New kits

The RealBest diagnostic kits are intended for the detection of infectious agents and determination of genetic polymorphisms by real-time PCR. In-house developed technologies turn the procedure of real-time PCR analysis from a complicated process requiring extensive specialized knowledge and practical experience into a standardized, simple, and readily reproducible procedure. AO Vector-Best offers user-friendly solutions for diagnostics such as lyophilized ready-to-use mixtures with a long shelf-life and transportation temperature of up to 26 °C.

RealBest kits*:*

- Complex approach to PCR diagnostics encompassing sample preparation, PCR and evaluation of results
- Simple nucleic acids extraction using magnetic particles
- Lyophilized Ready Master Mix for the detection of DNA/RNA in real-time
- Compatible PCR and RT-PCR protocols for the detection of a wide range of pathogens
- Noncompetitive Internal Control
- Storage of all components at the same temperature (2–8)°C for up to 12-18 months; no freezing required
- Transportation at the temperature up to 26 °C for no more than 10 days is acceptable

Different PCR kits formats and compatible PCR systems

Str-format: Ready Master Mix is lyophilized in 0.2 ml white tubes of the 96-tube plate. The only step required for the reaction procedure is the addition of extracted DNA/RNA samples. **Str-format** can be used with: CFX96™ (Bio-Rad, USA), DT*prime* (DT-96), DT*lite* (DNA-Technology, Russia), Gentier 96E/R (Xi'an TianLong, Science and Technology Co., Ltd., China).

Uni-format: Ready Master Mix is lyophilized in clear 0.2 ml tubes. Add the extracted DNA/RNA into the tubes and run the test. One tube – one reaction. **Uni-format** can be used with: CFX96™ (Bio-Rad, USA), DT*prime* (DT-96), DT*lite* (DNA-Technology, Russia), Rotor-Gene® Q (Qiagen, Germany), Rotor-Gene® 6000/3000 (Corbett Research, Australia), Gentier 96E/R (Xi'an TianLong, Science and Technology Co., Ltd., China).

Number of simultaneously detected pathogens	Detection channels
1	FAM, ROX
2	FAM, ROX, HEX (JOE)
3 and more	FAM, ROX, HEX (JOE), Cy5

Other real-time PCR cyclers with similar technical characteristics can be used after validation.

Compatible automatic systems for NA extraction

	KingFisher Flex (Thermo Fisher, Finland)	Auto-Pure 96 (Allsheng, China)	RbMag (Vector-Best, Russia)	TECAN Freedom EVO (Tecan, Switzerland)	Nexor 96 (Yantai Addcare Bio-Tech, China)
8849 RealBest DeltaMag HBV/HCV/HIV			●	●	
8850 RealBest DeltaMag HBV/HCV/HIV	●	●			
8880 RealBest DeltaMag HBV/HCV/HIV	●	●			
8883 RealBest UniMag Universal NA Extraction Kit	●	●	●		●
8846 RealBest GenMag	●	●	●		
8847/8848 RealBest Sorbitus	●	●	●		
8878 RealBest DNA-extraction 3	●	●	●	●	●

Nucleic acids extraction

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
				Manual nucleic acids extraction
8891	**RealBest DeltaMag HBV/HCV/HIV (variant 1-8)**	48 *(6x8)*	Blood serum/plasma Sample volume – **1 ml**	Extraction of **HBV DNA** **HCV RNA** **HIV RNA**
8893	**RealBest DeltaMag HBV/HCV/HIV (variant 0.25-8)**	48 *(6x8)*	Blood serum/plasma Sample volume – **250 µl**	Extraction of **HBV DNA** **HCV RNA** **HIV RNA**
8896	**RealBest extraction 100**	48 *(8x6)*	Whole blood, blood serum/plasma, leukocyte blood fraction, biopsy material, cerebrospinal fluid, urine, feces, epithelial cell specimens, tick suspensions, water samples Sample volume – **100 µl**	Extraction of **DNA** and **RNA**
8889	**RealBest DNA-extraction 3 (variant 6×16)**	96 *(6x16)*	Blood serum/plasma, urine, epithelial cell specimens Sample volume – **100 µl**	Extraction of **DNA**
8847	**RealBest Sorbitus variant 4x24**	96 (*4x24*)	Nasal, nasopharyngeal, and oropharyngeal swabs, sputum, bronchoalveolar lavage fluid Recommended for respiratory infections Sample volume – **100** µl	Extraction of **DNA** and **RNA**
8899 CE	**RealBest DNA-express**	100	Swabs, urine	Extraction of **DNA** in 15 minutes. Lysis Reagent – 100 tubes, Transport solution – 100 tubes
8845	**RealBest-Genetics DNA-express**	50	Whole blood, buccal epithelium	Extraction of **DNA** in 20 minutes
				Automated nucleic acids extraction
8846	**RealBest GenMag**	96 *(2x48)*	Whole blood Sample volume – **100** µl	Extraction of human **DNA**
8849	**RealBest DeltaMag HBV/HCV/HIV (variant 1-16)**	48 *(3x16)*	Blood serum/plasma Sample volume – **1 ml**	Extraction of **HBV DNA** **HCV RNA** **HIV RNA**
8850	**RealBest DeltaMag HBV/HCV/HIV (variant 0.25-16)**	48 *(3x16)*	Blood serum/plasma Sample volume – **250 µl**	Extraction of **HBV DNA** **HCV RNA** **HIV RNA**

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
8880	**RealBest DeltaMag HBV/HCV/HIV (variant 0.25-48)**	96 *(2x48)*	Blood serum/plasma Sample volume – **250 µl**	Extraction of **HBV DNA** **HCV RNA** **HIV RNA**
8847 **8848**	**RealBest Sorbitus variant 4x24** **variant 1x96**	96 (*4x24*) 96 (*1x96*)	Nasal, nasopharyngeal, and oropharyngeal swabs, sputum, bronchoalveolar lavage fluid Recommended for respiratory infections Sample volume – **100** µl	Extraction of **DNA** and **RNA**
8883 CE	**RealBest UniMag Universal NA Extraction Kit**	96 *(4x24)*	Blood serum/plasma, leukocyte blood fraction, biopsy material, cerebrospinal fluid, urine, feces, swabs, ticks, water samples Sample volume – **100 µl**	Extraction of **DNA** and **RNA**
8878	**RealBest DNA-extraction 3 (variant 2x48)**	96 *(2x48)*	Blood serum/plasma, urine, epithelial cell specimens Sample volume – **100 µl**	Extraction of **DNA**
				Solutions and components
8814	**RealBest Hemolytic**	50	Whole blood	Solution for hemolysis 2 vials, 14 ml each
8879	**Lysis Reagent (A)**	192	Epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva; semen, saliva, urine	Extraction of DNA 1 vial, 140 ml
8887	**Lysis Reagent (M)**	200	Epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva; semen, saliva , urine	Extraction of DNA 200 tubes, 500 µl each
8881 CE	**Internal Control sample**	192	Control of the efficiency of nucleic acids extraction and the absence of PCR inhibitors in specimens	Kit contents: – Internal Control sample, lyophilized – 6 vials; – Recovery Solution for Control samples – 2 vials, 4 ml each; Specimen Diluent - 4 vials, 15 ml each

Transport solutions

Cat. No.	*Kit name*	*Number of tests*	*Clinical specimens*	*Comments*
8894	**Transport solution (1)**	100	Biopsy material, epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva	100 tubes, 300 µl each

Cat. No.	Kit name	Number of tests	Clinical specimens	Comments
8885	**Transport solution (2)**	200	Biopsy material, epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva	200 tubes, 1000 µl each
8867	**Transport solution (M)**	100	Nasal, nasopharyngeal, and oropharyngeal swabs, sputum	Buffer solution containing 5M of guanidine in 13x75 mm screw cap tubes 100 tubes, 2 ml each

Blood-borne infections

Cat. No.	Kit name	Format	Number of tests	Sensitivity	Comments
				Differential detection of human immunodeficiency virus types 1 and 2 RNA, hepatitis B virus DNA, hepatitis C virus RNA	
0592	**RealBest HBV/HCV/HIV PCR**	Str	48	HBV - 10 IU/ml HCV - 15 IU/ml HIV-1 - 30 IU/ml HIV-2 - 50 IU/ml	Qualitative detection

Human immunodeficiency virus

Cat. No.	Kit name	Format	Number of tests	Sensitivity	Comments
				Proviral DNA of human immunodeficiency virus (HIV-1)	
0186	**RealBest DNA HIV (WB)**	Uni*	48	25 copies in the sample volume	Qualitative detection Clinical specimen: **whole blood**
0187	**RealBest DNA HIV (DS)**	Uni*	48	50 copies in the sample volume	Qualitative detection Clinical specimen: **dry blood stains**
				Human immunodeficiency virus RNA	
	RealBest RNA HIV				
0198	Form 1	Uni*	48	20 IU/ml	Qualitative detection
0197	Form 2	Uni	48		
0199	**RealBest RNA HIV quantitative**	Uni*	48	20 IU/ml	Quantification
	RealBest HIV PCR				
0195	Set 1	Str	96	20 IU/ml	Quantification
0196	Set 2	Str	96		Qualitative detection

Uni* format kits contain reagents for nucleic acid extraction

Hepatitis viruses A, B, C, D, G

Cat. No.	*Kit name*	*Format*	*Number of tests*	*Sensitivity*	*Comments*
					Hepatitis A virus RNA
0398 CE	**RealBest RNA HAV** Set 1	Str	48	50 copies in the sample	Qualitative detection
					Hepatitis B virus DNA
	RealBest DNA HBV				
0598	Form 1	Uni*	48	5 IU/ml	Qualitative detection
0597	Form 2	Uni	48		
0599	**RealBest DNA HBV quantitative**	Uni*	48	5 IU/ml	Quantification
	RealBest HBV PCR				
0595	Variant 1/quantitative	Str	96	5 IU/ml	Quantification
0596	Variant 2	Str	96		Qualitative detection
					Hepatitis C virus RNA
	RealBest RNA HCV				
0798	Form 1	Uni*	48	15 IU/ml	Qualitative detection
0790	Form 2	Uni	48		
0799	**RealBest RNA HCV quantitative**	Uni*	48	15 IU/ml	Quantification
	RealBest HCV PCR				
0794	Set 1	Str	96	15 IU/ml	Quantification
0795	Set 2	Str	96		Qualitative detection
					Genotyping of hepatitis C virus
0797	**RealBest RNA HCV-genotype**	Str	48	15 IU/ml 400 IU/ml	Quantification and genotyping
0793	**RealBest RNA HCV-1/2/3**	Uni	48	400 IU/ml	Genotyping
					Hepatitis D virus RNA
0998	**RealBest RNA HDV** Set 1	Str	48	10 copies/ml	Qualitative detection
					Hepatitis G virus RNA
1298 CE	**RealBest RNA HGV** Set 1	Str	48	50 copies/ml	Qualitative detection

Uni* format kits contain reagents for nucleic acid extraction

Quantification of human DNA in clinical specimens

Cat. No.	Kit name	Format	Number of tests
8888 CE	**RealBest Sample Validation** Set 1	Str	96

Sexually transmitted infections (STIs)

Cat. No.	Kit name	Format	Number of tests
1998	**RealBest DNA Chlamydia trachomatis** Set 1	Str	96
2098 CE	**RealBest DNA Trichomonas vaginalis** Set 1	Str	96
4396 CE	**RealBest DNA Mycoplasma genitalium** Set 1	Str	96
4498 CE	**RealBest DNA Neisseria gonorrhoeae** Set 1	Str	96
4494 CE	**RealBest DNA Neisseria gonorrhoeae test 2** Set 1	Str	96
1898 CE	**RealBest DNA Treponema pallidum** Set 1	Str	48
	Multiplex kits for STIs detection		
0455	**RealBest DNA Chlamydia trachomatis/Ureaplasma species** Set 1	Str	96
0492	**RealBest DNA Chlamydia trachomatis/Ureaplasma urealyticum** Set 1	Str	96
0490	**RealBest DNA Chlamydia trachomatis/Mycoplasma genitalium** Set 1	Str	96
0498	**RealBest DNA Chlamydia trachomatis/Trichomonas vaginalis** Set 1	Str	96
0457	**RealBest DNA Chlamydia trachomatis/Neisseria gonorrhoeae** Set 1	Str	96
0494 CE	**RealBest DNA Mycoplasma hominis/Mycoplasma genitalium** Set 1	Str	96
0496 CE	**RealBest DNA Trichomonas vaginalis/Neisseria gonorrhoeae** Set 1	Str	96
0477 CE	**RealBest DNA Trichomonas vaginalis/Gardnerella vaginalis** Set 1	Str	96
0444 CE	**RealBest DNA Candida albicans/Gardnerella vaginalis** Set 1	Str	96
0488	**RealBest PCR-12 STI***	Str	96

* *Chlamydia trachomatis, Ureaplasma* species*, Mycoplasma hominis, Mycoplasma genitalium, Trichomonas vaginalis, Neisseria gonorrhoeae, Candida albicans, Gardnerella vaginalis,* cytomegalovirus, herpes simplex virus types 1 and 2, human papillomavirus types 16 and 18 (differential detection)

Vaginal dysbiosis

Cat. No.	*Kit name*	*Format*	*Number of tests*
2292 CE	**RealBest DNA Ureaplasma species** (quantification is possible) Set 1	Str	96
2298 CE	**RealBest DNA Ureaplasma urealyticum** Set 1	Str	96
4398 CE	**RealBest DNA Mycoplasma hominis** Set 1	Str	96
4598 CE	**RealBest DNA Gardnerella vaginalis** Set 1	Str	96
4205 CE	**RealBest Lactonorm***	Str	96
4228 CE	**RealBest DNA Streptococcus agalactiae**	Str	96
	Multiplex kits for dysbiosis detection		
2294 CE	**RealBest DNA Ureaplasma urealyticum/Ureaplasma parvum** Set 1	Str	96
4207 CE	**RealBest DNA Gardnerella vaginalis/Atopobium vaginae**	Str	96
4212 CE	**RealBest DNA Prevotella species/Leptotrichia amnionii group**	Str	96
4201 CE	**RealBest DNA Mobiluncus mulieris/Mobiluncus curtisii** Set 1	Str	96
4214 CE	**RealBest DNA Saccharimonas aalborgensis (TM7)/BVAB2** Set 1	Str	96
4225	**RealBest Bioflor****	Str	96

Mycoses

Cat. No.	*Kit name*	*Format*	*Number of tests*
4698 CE	**RealBest DNA Candida albicans** Set 1	Str	96
	Multiplex kits for mycoses detection		
0448 CE	**RealBest DNA Candida albicans/Fungi** Set 1	Str	96
0440 CE	**RealBest DNA Candida parapsilosis/Candida tropicalis** Set 1	Str	96
0442 CE	**RealBest DNA Candida famata/Candida guilliermondii** Set 1	Str	96
0446 CE	**RealBest DNA Candida krusei/Candida glabrata** Set 1	Str	96
4798	**RealBest DNA Aspergillus fumigatus/Aspergillus flavus**	Str	96
4799	**RealBest DNA Aspergillus terreus/Aspergillus niger**	Str	96

***** Determination of the percentage of *Lactobacillus* sp. in the total number of bacteria

** Determination of the percentage of *Lactobacillus sp*. and bacteria causing vaginosis and vaginitis (*Gardnerella vaginalis*, *Atopobium vaginae*, *Prevotella species*, *Leptotrichia amnionii group*, *Streptococcus species*, *Enterococcus species,* and *Staphylococcus species*) in the total number of bacteria

Human papillomaviruses

Cat. No.	Kit name	Format	Number of tests
8447 CE	**RealBest DNA HPV 44**	Str	96
8448 CE	**RealBest DNA HPV 66** Set 1	Str	96
8488 CE	**RealBest DNA HPV 68** Set 1	Str	96
	Multiplex kits for HPV detection		
8475 CE	**RealBest DNA HPV 6/11** Set 1	Str	96
8473 CE	**RealBest DNA HPV 16/18** Set 1	Str	96
8459	**RealBest DNA HPV 26/51** Set 1	Str	96
8471 CE	**RealBest DNA HPV 31/33** Set 1	Str	96
8469 CE	**RealBest DNA HPV 35/45** Set 1	Str	96
8446 CE	**RealBest DNA HPV 6/11/44**	Str	96
8449 CE	**RealBest DNA HPV 26/53/66**	Str	96
8451 CE	**RealBest DNA HPV 68/73/82**	Str	96
8498	**RealBest HPV OncoScreen** (detection of human papillomavirus types 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68 DNA with differentiation of HPV 16 and 18)	Str	96
8444 CE	**RealBest DNA HPV HR screen** (detection of human papillomavirus types 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68 DNA) Set 1	Str	96
8479 CE	**RealBest DNA HPV HR genotype** (differential detection of human papillomavirus types 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59 DNA) Set 1	Str	96
8478 CE	**RealBest DNA HPV HR genotype quantitative** (differential detection and quantification of human papillomavirus types 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59 DNA) Set 1	Str	96

Human herpes viruses and TORCH-infections

Cat. No.	Kit name	Format	Number of tests
1798	**RealBest DNA Toxoplasma gondii** Set 1	Str	48
2598	**RealBest RNA Rubella** Set 1	Str	48
2801 CE	**RealBest DNA Parvovirus B19** Set 1	Str	96
2193 CE	**RealBest DNA HSV-1,2** Set 1	Str	96
2185 CE	**RealBest DNA VZV** Set 1	Str	48
2198 CE	**RealBest DNA EBV** (quantification is possible) Set 1	Str	96
1598	**RealBest DNA CMV** (quantification is possible) Set 1	Str	96

Cat. No.	Kit name	Format	Number of tests
2153 CE	**RealBest DNA HHV-6** (quantification is possible)	Str	96
2148 CE	**RealBest DNA HHV-8**	Str	48
	Multiplex kits for human herpes viruses detection		
2195 CE	**RealBest DNA HSV-1/HSV-2** Set 1	Str	96
0489	**RealBest DNA CMV/HSV-1,2**	Str	96

Tick-borne infections

Cat. No.	Kit name	Format	Number of tests
1198 CE	**RealBest RNA TBEV** Set 1	Str	48
1498 CE	**RealBest DNA Borrelia burgdorferi s.l.** Set 1	Str	48
1495 CE	**RealBest DNA Borrelia miyamotoi** Set 1	Str	48
5389 CE	**RealBest DNA Babesia species**	Str	48
5391 CE	**RealBest DNA Rickettsia species**	Str	48
	Multiplex tick-borne infections detection		
5396 CE	**RealBest DNA Borrelia burgdorferi s.l./RNA TBEV** Set 1	Str	48
5393	**RealBest DNA Rickettsia sibirica/Rickettsia heilongjiangenesis** Set 1	Str	48
5398 CE	**RealBest DNA Anaplasma phagocytophilum/Ehrlichia muris, Ehrlichia chaffeensis** Set 1	Str	48

Nosocomial infections

Cat. No.	Kit name	Format	Number of tests
4222 CE	**RealBest DNA Enterococcus faecalis/Enterococcus faecium**	Str	96
5601 CE	**RealBest DNA Acinetobacter baumannii/Stenotrophomonas maltophilia**	Str	96
5603 CE	**RealBest DNA Staphylococcus aureus/mecA/lukS-PV**	Str	96
5605 CE	**RealBest DNA Klebsiella pneumonia/Pseudomonas aeruginosa**	Str	96
5607	**RealBest DNA ARG macrolides ErmA/ErmC/MsrA**	Str	96

Respiratory infections

Cat. No.	Kit name	Format	Number of tests
5560	**RealBest-ARVI RNA hMpV/hPIV2** (human metapneumovirus/human parainfluenza virus type 2)	Str	96
5561	**RealBest-ARVI RNA hRV** (human rhinovirus)	Str	96
5562	**RealBest-ARVI DNA hAdV/hBoV** (human adenovirus B, C, E/human bocavirus)	Str	96
5563	**RealBest-ARVI RNA hPIV1/3** (human parainfluenza virus type 1/type 3)	Str	96

Cat. No.	Kit name	Format	Number of tests
5564	**RealBest-ARVI RNA Influenza virus A/B** (influenza A virus/influenza B virus)	Str	96
5565	**RealBest-ARVI RNA hCoV OC43/HKU1** (human coronavirus OC43/HKU1)	Str	96
5566	**RealBest-ARVI RNA hCoV 229E/NL63** (human coronavirus 229E/NL63)	Str	96
5567	**RealBest-ARVI RNA hRSV/hPIV4** (human respiratory syncytial virus/human parainfluenza virus type 4)	Str	96
5580 CE	**RealBest RNA SARS-CoV-2**	Str	96
5586 CE	**RealBest DNA Bordetella species/Bordetella pertussis/Bordetella bronchiseptica**	Str	48
5590 CE	**RealBest DNA Streptococcus pneumoniae** Set 1	Str	48
5592 CE	**RealBest DNA Haemophilus influenzae** Set 1	Str	48
5594	**RealBest DNA Chlamydophila pneumoniae** Set 1	Str	48
5596 CE	**RealBest DNA Mycoplasma pneumoniae** Set 1	Str	48
5598 CE	**RealBest DNA Legionella pneumophila** Set 1	Str	48

Gastrointestinal infections

Cat. No.	Kit name	Format	Number of tests
1696	**RealBest RNA Norovirus GI/Norovirus GII**	Str	96
1697	**RealBest RNA Rotavirus A/Astrovirus**	Str	96
1698	**RealBest DNA Salmonella spp./Adenovirus F**	Str	96
1699	**RealBest DNA Campylobacter (thermophilic spp.)/ Shigella spp., EIEC**	Str	96
3798 CE	**RealBest DNA Helicobacter pylori** Set 1	Str	48

Tuberculosis

Cat. No.	Kit name	Format	Number of tests
CE	**RealBest DNA MBTC**		
2398	Form 1	Uni*	48
2399	Form 2	Str	96

Single nucleotide polymorphisms (SNPs) and mutations in human genes

Cat. No.	Kit name	Format	Number of tests	Gene: polymorphism
				Thrombophilia and hyperhomocysteinemia
3801	**RealBest-Genetics Hemostasis (12)**	Str	48	*F2*:20210G/A; *F5*:1691G/A; F7:10976G/A; *F13A1*: c.103G/T; *FGB*:-455G/A; *ITGA2*:807C/T; *ITGB3*:1565T/C; *PAI-1*:-6755G/4G; *MTR*:2756 A/G; *MTRR*:66 A/G; *MTHFR*:677C/T; *MTHFR*:1298A/C

Uni* format kits contain reagents for nucleic acid extraction

Cat. No.	Kit name	Format	Number of tests	Gene: polymorphism
3802 CE	**RealBest-Genetics Hemostasis (F2/F5)**	Str	48	*F2*:20210G/A; *F5*:1691G/A
3803 CE	**RealBest-Genetics Hemostasis (MTR/MTRR/MTHFR)**	Str	48	*MTR*:2756A/G; *MTRR*:66A/G; *MTHFR*:677C/T; *MTHFR*:1298A/C
3831 CE	**RealBest-Genetics Hemostasis FGB/F13A1**	Str	48	*FGB*: -455G/A; *F13A1*: c.103G/T
3832 CE	**RealBest-Genetics Hemostasis ITGA2/F7**	Str	48	*ITGA2*:807C/T; F7:10976G/A
3833 CE	**RealBest-Genetics Hemostasis PAI-1/ITGB3**	Str	48	*PAI-1*:-6755G/4G; *ITGB3*:1565T/C
				Metabolic disorder
3804 CE	**RealBest-Genetics MCM6**	Str	48	*MCM6*: -13910C/T
				Cardiovascular diseases
3805	**RealBest-Genetics NOS3 T(-786)C/G894T**	Str	48	*NOS3*: T(-786)C; G894T
3806	**RealBest-Genetics ACE Del287/AGT T704C**	Str	48	*ACE*: Del287; *AGT*: T704C
3817	**RealBest-Genetics CYP11B2 C(-344)T/ADD1 G1378T**	Str	48	*CYP11B2:* C(-344)T; *ADD1:* G1378T
3818	**RealBest-Genetics AGT C521T/AGTR1 A1166C**	Str	48	*AGT*: C521T; *AGTR1*: A1166C
3819	**RealBest-Genetics GNB3 C825T/AGTR2 G1675A**	Str	48	*GNB3*: C825T; *AGTR2*: G1675A
				Predicting the success of HCV therapy
3811 CE	**RealBest-Genetics Interleukin 28B**	Str	48	*IL28B*: rs12979860 C/T; rs8099917 T/G
				Reproductive function
3814 CE	**RealBest-Genetics AZF microdeletions**	Str	48	AZFa locus: sY-84, sY-86 AZFb locus: sY-127, sY-134 AZFc locus: sY-254, sY-255
				Hereditary breast and ovarian cancer
3807	**RealBest-Genetics BRCA1 185delAG/3875del4**	Str	48	*BRCA1*: 185delAG; 3875del4
3808	**RealBest-Genetics BRCA1 3819del5/T300G**	Str	48	*BRCA1*: 3819del5; T300G
3809	**RealBest-Genetics BRCA (BRCA1 2080delA (insA)/BRCA2 6174delT)**	Str	48	*BRCA1*: 2080delA (insA); *BRCA2*: 6174delT
3841	**RealBest-Genetics BRCA1 4153delA/5382insC**	Str	48	*BRCA1*: 4153delA; 5382insC
3810	**RealBest-Genetics NBS1**	Str	48	*NBS1*: 657del5
3816	**RealBest-Genetics CHEK2**	Str	48	*CHEK2*: 1100delC; IVS2+1G>A
				Hereditary HFE-associated hemochromatosis (hemochromatosis type I)
3822 CE	**RealBest-Genetics Hemochromatosis (HFE 187 C/G)**	Str	48	*HFE:* 187 C/G (His63Asp)
3823 CE	**RealBest-Genetics Hemochromatosis (HFE 193 A/T)**	Str	48	*HFE:* 193 A/T (Ser65Cys)
3824 CE	**RealBest-Genetics Hemochromatosis (HFE 845 G/A)**	Str	48	*HFE:* 845 G/A (Cys282Tyr)

Cat. No.	Kit name	Format	Number of tests	Gene: polymorphism
				Autoimmune disease
3836 CE	**RealBest-Genetics HLA-B*27**	Str	48	*HLA-B*27*
				Pharmacogenetics of warfarin
3827 CE	**RealBest-Genetics Warfarin (CYP2C9*2/CYP2C9*3)**	Str	48	*CYP2C9:* 430 C/T; 1075 A/C
3828 CE	**RealBest-Genetics Warfarin (VKORC1/CYP4F2*3)**	Str	48	*VKORC1:* 1173 C/T; *CYP4F2:* 1297 C/T
3829 CE	**RealBest-Genetics Warfarin (GGCX)**	Str	48	*GGCX*: rs11676382 C/G
3830 CE	**RealBest-Genetics Warfarin (CYP2C9*5/CYP2C9*6)**	Str	48	*CYP2C9:* 1080 C/G; 818 delA
				Gilbert's syndrome
3813 CE	**RealBest-Genetics UGT1A1**	Str	48	*UGT1A1*: 5TA/6TA/7TA/8TA

Passed for printing on 10.01.2024. Circulation 150 copies.