



LABOVERITAS

LABORATORY DIAGNOSTIC SOLUTIONS

Termék katalógus

PCR diagnosztikai kitek

isskft.com

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

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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), DTprime (DT-96), DTlite (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), DTprime (DT-96), DTlite (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	•	•	•	•	•
8843/8844 RealBest ExtraMag	•	•			

Nucleic acids extraction

<i>Cat. No.</i>	<i>Kit name</i>	<i>Number of tests</i>	<i>Clinical specimens</i>	<i>Comments</i>
Manual nucleic acids extraction				
8843	RealBest ExtraMag (variant 500)	96	Blood serum/plasma Sample volume – 0.5 ml	Extraction of DNA and RNA
8844	RealBest ExtraMag (variant 1000)	96	Blood serum/plasma Sample volume – 1 ml	Extraction of DNA and RNA
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 6x16)	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
8843	RealBest ExtraMag (variant 500)	96	Blood serum/plasma Sample volume – 0.5 ml	Extraction of DNA and RNA
8844	RealBest ExtraMag (variant 1000)	96	Blood serum/plasma Sample volume – 1 ml	Extraction of DNA and RNA
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
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Number of tests</i>	<i>Clinical specimens</i>	<i>Comments</i>
8847	RealBest Sorbitus variant 4x24	96 (4x24)	Nasal, nasopharyngeal, and oropharyngeal swabs, sputum, bronchoalveolar lavage fluid	Extraction of DNA and RNA
8848	variant 1x96	96 (1x96)	Recommended for respiratory infections Sample volume – 100 µl	
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 Hemolysis Reagent	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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Number of tests</i>	<i>Clinical specimens</i>	<i>Comments</i>
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
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)	50	Nasal, nasopharyngeal, oropharyngeal, and rectal swabs, sputum, feces	Buffer solution containing 5M of guanidine in 13x75 mm screw cap tubes 50 tubes, 2 ml each

Blood-borne infections

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>	<i>Sensitivity</i>	<i>Comments</i>
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>	<i>Sensitivity</i>	<i>Comments</i>
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

0198	RealBest RNA HIV 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
0195	RealBest HIV PCR 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					
0598	RealBest DNA HBV 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
0595	RealBest HBV PCR Variant 1/quantitative	Str	96	5 IU/ml	Quantification
0596	Variant 2	Str	96		Qualitative detection
Hepatitis C virus RNA					
0798	RealBest RNA HCV 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
0794	RealBest HCV PCR 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	Quantification and
				400 IU/ml	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
0999	RealBest RNA HDV quantitative	Str	96	8 IU/ml	Quantification
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
8888 CE	RealBest Sample Validation Set 1	Str	96

Sexually transmitted infections (STIs)

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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 <i>Ureaplasma</i> species (quantification is possible) Set 1	Str	96
2298 CE	RealBest DNA <i>Ureaplasma urealyticum</i> Set 1	Str	96
4398 CE	RealBest DNA <i>Mycoplasma hominis</i> Set 1	Str	96
4598 CE	RealBest DNA <i>Gardnerella vaginalis</i> Set 1	Str	96
4205 CE	RealBest Lactonorm*	Str	96
4228 CE	RealBest DNA <i>Streptococcus agalactiae</i>	Str	96

Multiplex kits for dysbiosis detection

2294 CE	RealBest DNA <i>Ureaplasma urealyticum</i> / <i>Ureaplasma parvum</i> Set 1	Str	96
4207 CE	RealBest DNA <i>Gardnerella vaginalis</i> / <i>Atopobium vaginae</i>	Str	96
4212 CE	RealBest DNA <i>Prevotella</i> species/ <i>Leptotrichia amnionii</i> group	Str	96
4201 CE	RealBest DNA <i>Mobiluncus mulieris</i> / <i>Mobiluncus curtisii</i> Set 1	Str	96
4214 CE	RealBest DNA <i>Saccharimonas aalborgensis</i> (TM7)/BVAB2 Set 1	Str	96
4225	RealBest Bioflor**	Str	96

Mycoses

Cat. No.	Kit name	Format	Number of tests
Candidiasis			
4698 CE	RealBest DNA <i>Candida albicans</i> Set 1	Str	96
0448 CE	RealBest DNA <i>Candida albicans</i> /Fungi Set 1	Str	96
0440 CE	RealBest DNA <i>Candida parapsilosis</i> / <i>Candida tropicalis</i> Set 1	Str	96
0442 CE	RealBest DNA <i>Candida famata</i> / <i>Candida guilliermondii</i> Set 1	Str	96
0446 CE	RealBest DNA <i>Candida krusei</i> / <i>Candida glabrata</i> Set 1	Str	96
Aspergillosis			
4798	RealBest DNA <i>Aspergillus fumigatus</i> / <i>Aspergillus flavus</i>	Str	96
4799	RealBest DNA <i>Aspergillus terreus</i> / <i>Aspergillus niger</i>	Str	96
Dermatophytosis			
4690	RealBest DNA <i>Trichophyton rubrum</i>	Str	96
4691	RealBest DNA <i>Epidermophyton floccosum</i> / <i>Trichophyton</i> spp.	Str	96
4692	RealBest DNA <i>Microsporum canis</i> complex/ <i>Nannizzia gypsea</i>	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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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 heilongjiangensis Set 1	Str	48
5398 CE	RealBest DNA Anaplasma phagocytophilum/Ehrlichia muris, Ehrlichia chaffeensis Set 1	Str	48

Nosocomial infections

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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 ARG macrolides ErmA/ErmC/MsrA	Str	96
5608	RealBest ARG glycopeptides van A/B/C	Str	96

Respiratory infections

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
5563	RealBest-ARVI RNA hPIV1/3 (human parainfluenza virus type 1/type 3)	Str	96
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
5591	RealBest DNA Streptococcus pneumoniae	Str	96
5592 CE	RealBest DNA Haemophilus influenzae Set 1	Str	48
5593	RealBest DNA Haemophilus influenzae	Str	96
5594	RealBest DNA Chlamydomphila pneumoniae Set 1	Str	48
5595	RealBest DNA Chlamydomphila pneumoniae	Str	96
5596 CE	RealBest DNA Mycoplasma pneumoniae Set 1	Str	48
5597	RealBest DNA Mycoplasma pneumoniae	Str	96
5598 CE	RealBest DNA Legionella pneumophila Set 1	Str	48

Neuroinfectious diseases

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
5584	RealBest DNA Neisseria meningitidis	Str	96

Gastrointestinal infections

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
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 2398	RealBest DNA MBTC 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
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

Uni* format kits contain reagents for nucleic acid extraction

Cat. No.	Kit name	Format	Number of tests	Gene: polymorphism
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 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)
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
Hypersensitivity to abacavir				
3837	RealBest-Genetics HLA-B*5701	Str	48	HLA-B*5701
Spinal muscular atrophy (SMA)				
3848	RealBest-Genetics SMANeo	Str	96	SMN1: deletion of exon 1