

# Product list 2024



## Our contacts

### VECTOR-BEST

PO BOX 492, Novosibirsk, Russia, 630117

Tel: +7 (383) 25-25-163

E-mail: [vbmarket@vector-best.ru](mailto:vbmarket@vector-best.ru)

[www.vector-best.com](http://www.vector-best.com)

## Our distributors

Germany

### Immundiagnostik AG

Stubenwald-Allee 8a

64625 Bensheim

Germany

Tel: +49 6251 70190 0

Fax: +49 6251 70190 363

E-mail: [info@immundiagnostik.com](mailto:info@immundiagnostik.com)

India

### INBIOS

D-10/5, 202, 2nd Floor, Okhla Industrial Area, Phase-II, New Delhi, India  
(110020)

Tel: +91 9821193636

E-mail: [info@inbiosindia.com](mailto:info@inbiosindia.com)

[www.inbiosindia.com](http://www.inbiosindia.com)

### INBIOSYS SYSTEMS PVT.LTD

HOUSE NO.-48, 2ND FLOOR

BLOCK -D, POCKET -1, SEC-16

ROHINI, DELHI -110089

Tel: +91 9811055995

E-mail: [paathakamit@yahoo.com](mailto:paathakamit@yahoo.com)

[www.inbiosyssystems.com](http://www.inbiosyssystems.com)

Republic of  
North  
Macedonia

### AVICENA DOO

ul. 1551 br.5B, Ind.zona Vizbegovo  
1000 Skopje,

Republic of North Macedonia

Tel: +389 2 3079 700

Fax.: +389 2 3079 400

E-mail: [avicena@avicena.com.mk](mailto:avicena@avicena.com.mk)

[www.avicena.com.mk](http://www.avicena.com.mk)

Slovakia

**Diagnostické centrum DNK, s.r.o.**

Brestova 14, 821 02 Bratislava, Slovakia, EU

Tel: +421 903 822 515

E-mail: [dnk@pharma.sk](mailto:dnk@pharma.sk)

[www.pcr.sk](http://www.pcr.sk)

Greece

**INTERLAB Ltd**

163-165 P. Tsaldari str., 176 76 Kallithea - Athens, GREECE

Tel: +30 210 953 2220

Mob. tel: +30 69 44 54 17 57

Fax: +30 210 953 2221

E-mail: [interlab@tee.gr](mailto:interlab@tee.gr)

Serbia

**VBRS d.o.o.**

11080, Karadjordjev trg 34, Belgrade, Serbia

Tel: (+381) 60 062 8234

E-mail: [petrovic.irena@vbrs.rs](mailto:petrovic.irena@vbrs.rs)

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

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## New kits

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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), 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
<b>Manual nucleic acids extraction</b>				
8891	<b>RealBest DeltaMag HBV/HCV/HIV (variant 1-8)</b>	48 (6x8)	Blood serum/plasma Sample volume – <b>1 ml</b>	Extraction of <b>HBV DNA</b> <b>HCV RNA</b> <b>HIV RNA</b>
8893	<b>RealBest DeltaMag HBV/HCV/HIV (variant 0.25-8)</b>	48 (6x8)	Blood serum/plasma Sample volume – <b>250 µl</b>	Extraction of <b>HBV DNA</b> <b>HCV RNA</b> <b>HIV RNA</b>
8896	<b>RealBest extraction 100</b>	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 – <b>100 µl</b>	Extraction of <b>DNA</b> and <b>RNA</b>
8889	<b>RealBest DNA-extraction 3 (variant 6x16)</b>	96 (6x16)	Blood serum/plasma, urine, epithelial cell specimens Sample volume – <b>100 µl</b>	Extraction of <b>DNA</b>
8847	<b>RealBest Sorbitus variant 4x24</b>	96 (4x24)	Nasal, nasopharyngeal, and oropharyngeal swabs, sputum, bronchoalveolar lavage fluid Recommended for respiratory infections Sample volume – <b>100 µl</b>	Extraction of <b>DNA</b> and <b>RNA</b>
8899 	<b>RealBest DNA-express</b>	100	Swabs, urine	Extraction of <b>DNA</b> in 15 minutes. Lysis Reagent – 100 tubes, Transport solution – 100 tubes
8845	<b>RealBest-Genetics DNA- express</b>	50	Whole blood, buccal epithelium	Extraction of <b>DNA</b> in 20 minutes
<b>Automated nucleic acids extraction</b>				
8846	<b>RealBest GenMag</b>	96 (2x48)	Whole blood Sample volume – <b>100 µl</b>	Extraction of human <b>DNA</b>
8849	<b>RealBest DeltaMag HBV/HCV/HIV (variant 1-16)</b>	48 (3x16)	Blood serum/plasma Sample volume – <b>1 ml</b>	Extraction of <b>HBV DNA</b> <b>HCV RNA</b> <b>HIV RNA</b>
8850	<b>RealBest DeltaMag HBV/HCV/HIV (variant 0.25-16)</b>	48 (3x16)	Blood serum/plasma Sample volume – <b>250 µl</b>	Extraction of <b>HBV DNA</b> <b>HCV RNA</b> <b>HIV RNA</b>

<i>Cat. No.</i>	<i>Kit name</i>	<i>Number of tests</i>	<i>Clinical specimens</i>	<i>Comments</i>
8880	<b>RealBest DeltaMag HBV/HCV/HIV (variant 0.25-48)</b>	96 (2x48)	Blood serum/plasma Sample volume – <b>250 µl</b>	Extraction of <b>HBV DNA</b> <b>HCV RNA</b> <b>HIV RNA</b>
8847	<b>RealBest Sorbitus variant 4x24</b>	96 (4x24)	Nasal, nasopharyngeal, and oropharyngeal swabs, sputum, bronchoalveolar lavage fluid Recommended for respiratory infections Sample volume – <b>100 µl</b>	Extraction of <b>DNA</b> and <b>RNA</b>
8848	<b>variant 1x96</b>	96 (1x96)		
8883 <b>CE</b>	<b>RealBest UniMag Universal NA Extraction Kit</b>	96 (4x24)	Blood serum/plasma, leukocyte blood fraction, biopsy material, cerebrospinal fluid, urine, feces, swabs, ticks, water samples Sample volume – <b>100 µl</b>	Extraction of <b>DNA</b> and <b>RNA</b>
8878	<b>RealBest DNA-extraction 3 (variant 2x48)</b>	96 (2x48)	Blood serum/plasma, urine, epithelial cell specimens Sample volume – <b>100 µl</b>	Extraction of <b>DNA</b>

### Solutions and components

8814	<b>RealBest Hemolysis Reagent</b>	50	Whole blood	Solution for hemolysis 2 vials, 14 ml each
8879	<b>Lysis Reagent (A)</b>	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	<b>Lysis Reagent (M)</b>	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 <b>CE</b>	<b>Internal Control sample</b>	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	<b>Transport solution (1)</b>	100	Biopsy material, epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva	100 tubes, 300 µl each



<i>Cat. No.</i>	<i>Kit name</i>	<i>Number of tests</i>	<i>Clinical specimens</i>	<i>Comments</i>
<b>8885</b>	<b>Transport solution (2)</b>	200	Biopsy material, epithelial cell specimens from the cervical canal, urethra, vagina, posterior laryngeal wall, conjunctiva	200 tubes, 1000 µl each
<b>8867</b>	<b>Transport solution (M)</b>	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

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>	<i>Sensitivity</i>	<i>Comments</i>
<b>Differential detection of human immunodeficiency virus types 1 and 2 RNA, hepatitis B virus DNA, hepatitis C virus RNA</b>					
<b>0592</b>	<b>RealBest HBV/HCV/HIV PCR</b>	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>
<b>Proviral DNA of human immunodeficiency virus (HIV-1)</b>					
<b>0186</b>	<b>RealBest DNA HIV (WB)</b>	Uni*	48	25 copies in the sample volume	Qualitative detection Clinical specimen: <b>whole blood</b>
<b>0187</b>	<b>RealBest DNA HIV (DS)</b>	Uni*	48	50 copies in the sample volume	Qualitative detection Clinical specimen: <b>dry blood stains</b>
<b>Human immunodeficiency virus RNA</b>					
<b>0198</b>	<b>RealBest RNA HIV</b> Form 1	Uni*	48	20 IU/ml	Qualitative detection
<b>0197</b>	Form 2	Uni	48		
<b>0199</b>	<b>RealBest RNA HIV quantitative</b>	Uni*	48	20 IU/ml	Quantification
<b>0195</b>	<b>RealBest HIV PCR</b> Set 1	Str	96	20 IU/ml	Quantification
<b>0196</b>	Set 2	Str	96		Qualitative detection

Uni\* format kits contain reagents for nucleic acid extraction

## Hepatitis viruses A, B, C, D, G

<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>	<i>Sensitivity</i>	<i>Comments</i>
<b>Hepatitis A virus RNA</b>					
<b>0398</b> <b>CE</b>	<b>RealBest RNA HAV</b> Set 1	Str	48	50 copies in the sample	Qualitative detection
<b>Hepatitis B virus DNA</b>					
<b>0598</b> <b>0597</b>	<b>RealBest DNA HBV</b> Form 1 Form 2	Uni* Uni	48 48	5 IU/ml	Qualitative detection
<b>0599</b>	<b>RealBest DNA HBV quantitative</b>	Uni*	48	5 IU/ml	Quantification
<b>0595</b> <b>0596</b>	<b>RealBest HBV PCR</b> Variant 1/quantitative Variant 2	Str Str	96 96	5 IU/ml	Quantification Qualitative detection
<b>Hepatitis C virus RNA</b>					
<b>0798</b> <b>0790</b>	<b>RealBest RNA HCV</b> Form 1 Form 2	Uni* Uni	48 48	15 IU/ml	Qualitative detection
<b>0799</b>	<b>RealBest RNA HCV quantitative</b>	Uni*	48	15 IU/ml	Quantification
<b>0794</b> <b>0795</b>	<b>RealBest HCV PCR</b> Set 1 Set 2	Str Str	96 96	15 IU/ml	Quantification Qualitative detection
<b>Genotyping of hepatitis C virus</b>					
<b>0797</b>	<b>RealBest RNA HCV-genotype</b>	Str	48	15 IU/ml 400 IU/ml	Quantification and genotyping
<b>0793</b>	<b>RealBest RNA HCV-1/2/3</b>	Uni	48	400 IU/ml	Genotyping
<b>Hepatitis D virus RNA</b>					
<b>0998</b>	<b>RealBest RNA HDV</b> Set 1	Str	48	10 copies/ml	Qualitative detection
<b>Hepatitis G virus RNA</b>					
<b>1298</b> <b>CE</b>	<b>RealBest RNA HGV</b> 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
<b>8888</b> <b>CE</b>	<b>RealBest Sample Validation</b> Set 1	Str	96

### Sexually transmitted infections (STIs)

Cat. No.	Kit name	Format	Number of tests
<b>1998</b>	<b>RealBest DNA Chlamydia trachomatis</b> Set 1	Str	96
<b>2098</b> <b>CE</b>	<b>RealBest DNA Trichomonas vaginalis</b> Set 1	Str	96
<b>4396</b> <b>CE</b>	<b>RealBest DNA Mycoplasma genitalium</b> Set 1	Str	96
<b>4498</b> <b>CE</b>	<b>RealBest DNA Neisseria gonorrhoeae</b> Set 1	Str	96
<b>4494</b> <b>CE</b>	<b>RealBest DNA Neisseria gonorrhoeae test 2</b> Set 1	Str	96
<b>1898</b> <b>CE</b>	<b>RealBest DNA Treponema pallidum</b> Set 1	Str	48

### Multiplex kits for STIs detection

<b>0455</b>	<b>RealBest DNA Chlamydia trachomatis/Ureaplasma species</b> Set 1	Str	96
<b>0492</b>	<b>RealBest DNA Chlamydia trachomatis/Ureaplasma urealyticum</b> Set 1	Str	96
<b>0490</b>	<b>RealBest DNA Chlamydia trachomatis/Mycoplasma genitalium</b> Set 1	Str	96
<b>0498</b>	<b>RealBest DNA Chlamydia trachomatis/Trichomonas vaginalis</b> Set 1	Str	96
<b>0457</b>	<b>RealBest DNA Chlamydia trachomatis/Neisseria gonorrhoeae</b> Set 1	Str	96
<b>0494</b> <b>CE</b>	<b>RealBest DNA Mycoplasma hominis/Mycoplasma genitalium</b> Set 1	Str	96
<b>0496</b> <b>CE</b>	<b>RealBest DNA Trichomonas vaginalis/Neisseria gonorrhoeae</b> Set 1	Str	96
<b>0477</b> <b>CE</b>	<b>RealBest DNA Trichomonas vaginalis/Gardnerella vaginalis</b> Set 1	Str	96
<b>0444</b> <b>CE</b>	<b>RealBest DNA Candida albicans/Gardnerella vaginalis</b> Set 1	Str	96
<b>0488</b>	<b>RealBest PCR-12 STI*</b>	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/Ureaplasma parvum</i> Set 1	Str	96
4207 CE	RealBest DNA <i>Gardnerella vaginalis/Atopobium vaginae</i>	Str	96
4212 CE	RealBest DNA <i>Prevotella species/Leptotrichia amnionii group</i>	Str	96
4201 CE	RealBest DNA <i>Mobiluncus mulieris/Mobiluncus curtisii</i> Set 1	Str	96
4214 CE	RealBest DNA <i>Saccharimonas aalborgensis (TM7)/BVAB2</i> Set 1	Str	96
4225	RealBest Bioflor**	Str	96

## Mycoses

Cat. No.	Kit name	Format	Number of tests
4698 CE	RealBest DNA <i>Candida albicans</i> Set 1	Str	96
<b>Multiplex kits for mycoses detection</b>			
0448 CE	RealBest DNA <i>Candida albicans/Fungi</i> Set 1	Str	96
0440 CE	RealBest DNA <i>Candida parapsilosis/Candida tropicalis</i> Set 1	Str	96
0442 CE	RealBest DNA <i>Candida famata/Candida guilliermondii</i> Set 1	Str	96
0446 CE	RealBest DNA <i>Candida krusei/Candida glabrata</i> Set 1	Str	96
4798	RealBest DNA <i>Aspergillus fumigatus/Aspergillus flavus</i>	Str	96
4799	RealBest DNA <i>Aspergillus terreus/Aspergillus niger</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
<b>Multiplex kits for HPV detection</b>			
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>
<b>2153</b> CE	<b>RealBest DNA HHV-6</b> (quantification is possible)	Str	96
<b>2148</b> CE	<b>RealBest DNA HHV-8</b>	Str	48
<b>Multiplex kits for human herpes viruses detection</b>			
<b>2195</b> CE	<b>RealBest DNA HSV-1/HSV-2</b> Set 1	Str	96
<b>0489</b>	<b>RealBest DNA CMV/HSV-1,2</b>	Str	96
<b>Tick-borne infections</b>			
<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
<b>1198</b> CE	<b>RealBest RNA TBEV</b> Set 1	Str	48
<b>1498</b> CE	<b>RealBest DNA Borrelia burgdorferi s.l.</b> Set 1	Str	48
<b>1495</b> CE	<b>RealBest DNA Borrelia miyamotoi</b> Set 1	Str	48
<b>5389</b> CE	<b>RealBest DNA Babesia species</b>	Str	48
<b>5391</b> CE	<b>RealBest DNA Rickettsia species</b>	Str	48
<b>Multiplex tick-borne infections detection</b>			
<b>5396</b> CE	<b>RealBest DNA Borrelia burgdorferi s.l./RNA TBEV</b> Set 1	Str	48
<b>5393</b>	<b>RealBest DNA Rickettsia sibirica/Rickettsia heilongjiangensis</b> Set 1	Str	48
<b>5398</b> CE	<b>RealBest DNA Anaplasma phagocytophilum/Ehrlichia muris, Ehrlichia chaffeensis</b> Set 1	Str	48
<b>Nosocomial infections</b>			
<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
<b>4222</b> CE	<b>RealBest DNA Enterococcus faecalis/Enterococcus faecium</b>	Str	96
<b>5601</b> CE	<b>RealBest DNA Acinetobacter baumannii/Stenotrophomonas maltophilia</b>	Str	96
<b>5603</b> CE	<b>RealBest DNA Staphylococcus aureus/mecA/lukS-PV</b>	Str	96
<b>5605</b> CE	<b>RealBest DNA Klebsiella pneumonia/Pseudomonas aeruginosa</b>	Str	96
<b>5607</b>	<b>RealBest DNA ARG macrolides ErmA/ErmC/MsrA</b>	Str	96
<b>Respiratory infections</b>			
<i>Cat. No.</i>	<i>Kit name</i>	<i>Format</i>	<i>Number of tests</i>
<b>5560</b>	<b>RealBest-ARVI RNA hMpV/hPIV2</b> (human metapneumovirus/human parainfluenza virus type 2)	Str	96
<b>5561</b>	<b>RealBest-ARVI RNA hRV</b> (human rhinovirus)	Str	96
<b>5562</b>	<b>RealBest-ARVI DNA hAdV/hBoV</b> (human adenovirus B, C, E/human bocavirus)	Str	96
<b>5563</b>	<b>RealBest-ARVI RNA hPIV1/3</b> (human parainfluenza virus type 1/type 3)	Str	96

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

### Gastrointestinal infections

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

### Tuberculosis

Cat. No.	Kit name	Format	Number of tests
CE 2398	<b>RealBest DNA MBTC</b> 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
<b>Thrombophilia and hyperhomocysteinemia</b>				
3801	<b>RealBest-Genetics Hemostasis (12)</b>	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
<b>Metabolic disorder</b>				
3804 CE	RealBest-Genetics MCM6	Str	48	MCM6: -13910C/T
<b>Cardiovascular diseases</b>				
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
<b>Predicting the success of HCV therapy</b>				
3811 CE	RealBest-Genetics Interleukin 28B	Str	48	IL28B: rs12979860 C/T; rs8099917 T/G
<b>Reproductive function</b>				
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
<b>Hereditary breast and ovarian cancer</b>				
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
<b>Hereditary HFE-associated hemochromatosis (hemochromatosis type I)</b>				
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)



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