

3.5 Genetic Diseases

Order number	Product name	Intended use	Legal Status	Tests/Size
Aneuploidies				
BA232	TAS PCR Kit	PCR Test for the detection of 13, 18, 21 chromosome trisomy and sexual aneuploidies by multiplex PCR with fluorescent primers and subsequently DNA fragment analysis by automatic sequencer.	CE	25

Lactose Intolerance

BA233	Lactose Intolerance PCR Kit	Real Time PCR test for Lactose Intolerance detection of the C/T (-13910) polymorphism within the regulatory region of the lactase persistence gene (LCT)	CE	50, 96
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Avellino Corneal Disease

BA481	ACD PCR Kit	Real Time PCR test for the screening of single nucleotide polymorphism of codon124 (exon4) which is coding igh3 gene in Avellino Corneal disease	CE	12, 25, 50, 96, 100
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Genetic Polymorphisms Involved in Anti-Viral Treatment

BA236	IL28B Polymorphism PCR Kit	Real Time PCR tests for detection and genotyping of polymorphisms C->T (rs12979860) or T->G (rs8099917) in the human gene coding for Interleukin 28B which are predictive of response to antiviral treatment	CE	48,96
BA482	IL28B-ITPA PCR Kit	Kit for simultaneous detection and genotyping of polymorphisms in the genes for <i>IL28B</i> and <i>inosine triphosphate pyrophosphatase (ITPA)</i> leading to reduction of hemoglobin during peg-interferon plus ribavirin combination therapy for patients with chronic hepatitis C virus infection by Reverse Line Blot	CE	20

Male Infertility

BA238	AZF PCR Kit	Multiplex PCR/Strip test for the detection of microdeletions in the azoospermia factor (AZF) of the Y chromosome causing azoospermia and oligospermia. For detection of deletions at AZF locus, target regions: sY84, sY86, DFFRY, DBY, sY95, sY117, sY125, sY127, sY134, sY254, sY255, ZFX/ZFY, SRY. Internal control: ZFX/ZFY	CE	8, 12, 16, 25, 60, 100
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4. HLA AND BLOOD GROUP TYPING

4.1 HLA / HPA Typing

Order number	Product name	Intended use	Legal Status	Tests/Size
BA239	HLA-A PCR Kit	End-point Fluorescence PCR test for detection of HLA-A low resolution, 24 rxn/test	-	10
BA240	HLA-B PCR Kit	End-point Fluorescence PCR test for detection of HLA-B low resolution, 48 rxn/test	-	10, 20
BA241	HLA-C PCR Kit	End-point Fluorescence PCR test for detection of HLA-C low resolution, 24 rxn/test	-	10
BA242	HLA-ABC PCR Kit	End-point Fluorescence PCR test for detection of HLA-ABC low resolution, 96 rxn/test	-	10
BA243	HLA-ABDR PCR Kit	End-point Fluorescence PCR test for detection of HLA-ABDR low resolution, 96 rxn/test	-	10
BA244	HLA-DR PCR Kit	End-point Fluorescence PCR test for detection of HLA-DRB low resolution, 24 rxn/test	-	10
BA245	HLA-DRB1 PCR Kit	End-point Fluorescence PCR test for detection of HLA-DR B1 low resolution, 48 rxn/test	-	10, 20
BA246	HLA-DRDQ PCR Kit	End-point Fluorescence PCR test for detection of HLA-DRB/DQB low resolution, 32 rxn/test	-	10, 30
BA247	HLA-DRDQDP PCR Kit	End-point Fluorescence PCR test for detection of HLA-DRB/DQB low resolution, 88 rxn/test	-	10
BA483	HLA-A29 PCR Kit	Real-Time PCR test for detection of HLA-A*29 group of alleles	-	48
BA484	HLA-B57 PCR Kit	Real Time PCR test for the time HLA-B*57:01 allele screening	-	48, 100

Narcolepsia

BA485	HLA Narcolepsy PCR Kit	Real-Time PCR test for the detection of HLA-DQB1*06:02 group of alleles	-	48
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4.1 HLA / HPA Typing

Order number	Product name	Intended use	Legal Status	Tests/Size
Morbus Behçet				
BA486	HLA Behcet's Disease PCR Kit	Real-Time PCR test for the detection of HLA-B*51 & B*52 groups of alleles	–	24, 48
BA487	HLA-B5/57 PCR Kit	End-point Fluorescence PCR test for detection of HLA-B*51 (associated with Morbus Behçet), HLA-B*57 (associated with HSR to Abacavir)	–	

Celiac Disease (Gluten Intolerance)

BA4788	HLA-DQ PCR Kit	Real Time PCR test for the analysis of HLA-DQ2 and HLA-DQ8 genetic regions by real time detection of the alleles DQA1*05, DQB1*02 and DQB1*0302. Distribution of these alleles gives an indication of a genetic predisposition for celiac disease (gluten intolerance)	CE	12, 20, 48, 50, 60, 96
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Rheumatoid Arthritis / Ankylosing spondylitis

BA489	HLA-B*27/ CYP2D6*4 PCR Kit	Real Time PCR test for detection of the HLA-B and the CYP2D6*4 alleles	CE	12, 60
BA235	HLA-B27 PCR Kit	Real Time PCR test or End-point Fluorescence PCR test for the analysis of the HLA-B27 genetic region that is highly associated with inflammatory rheumatic diseases, especially ankylosing spondylitis (Bechterew's disease), Reiter's syndrome, anterior uveitis and inflammatory bowel disease.	CE	12, 25, 48, 50, 96, 100
BA490	HLA-DRB1 „Shared Epitope“ QKRAA/ QRRAA/ RRAA PCR Kit	Real Time PCR test for detection of the „Shared Epitope“ QKRAA/ QRRAA/RRRAA of rheumatoid arthritis in all known HLA-DRB1 alleles, and discrimination between homozygous and heterozygous carriers	CE	12, 60

HPA Typing

BA249	HPA PCR Kit	End-point Fluorescence PCR test for detection of for typing HPA-1,2,3,4,5,6,9 and 15 alleles, 9 rxn/test	–	10, 48
BA250	HPA-1 a/b PCR Kit	End-point Fluorescence PCR test for detection of for screening HPA-1 a/b alleles, 1 rxn/test	–	48, 96

4.2 Blood Group Typing

Order number	Product name	Intended use	Legal Status	Tests/Size
BA251	RBC-ABO basic PCR Kit	End-point Fluorescence PCR test for ABO detection (01, 02, B, A, A2), 17 rxn/test	–	10, 40
BA252	RBC-Typing PCR Kit	End-point Fluorescence PCR test for typing of various human red cell blood group alleles, 32 rxn/test	–	10, 30
BA253	RBC-CDE PCR Kit	End-point Fluorescence PCR test for detection of Rhesus and D Variant, 24 rxn/test	–	10, 40
BA254	RBC-weak/ variant PCR Kit	End-point Fluorescence PCR test for detection of Rhesus D weak and Dell, 16rxn/test	–	10, 48
BA255	RBC-Rare PCR Kit	End-point Fluorescence PCR test for detection of rare blood group alleles, 32 rxn/test	–	10, 30
BA256	RBC-D screen PCR Kit	End-point Fluorescence PCR test for detection of RHD-Exon 3, 5 and 10, 1 rxn/test	–	48
BA257	RBC-Vel Screen PCR Kit	End-point Fluorescence PCR test for detection of Vel+ and Vel-, 2 rxn/test	–	48
BA258	RBC-KKD PCR Kit	End-point Fluorescence PCR test for detection of Kell/Kidd/Duffy, 14 rxn/test	–	10
BA259	RBC-MNS PCR Kit	End-point Fluorescence PCR test for detection of MNSs, Vw and Mg, 7 rxn/test	–	10

5. FOOD ANALYSIS

5.1 Identification of Meat Species in Food

Order number	Product name	Intended use	Legal Status	Tests/Size
BA260	Beef Meat PCR Kit	Real Time PCR test for detection of beef meat DNA in food	–	100
BA261	Black/white Halibut Meat PCR Kit	Real Time PCR test for detection of halibut meat DNA in food	–	100