



***Genespark***  
**Molecular**  
**Diagnostics Kits**

**2017**



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## Immunospark

Immunospark is an ISO9001 and ISO13485 certified provider of high quality diagnostic solutions in the POC, Immunology and Molecular Diagnostics field. The partners/customers of Immunospark can access an easy and sustainable “*Diagnostic Information*” as a key for the global health systems to provide a better qualified and on time input to face a critical disease. Prevention of disease and personalized therapy are now being a reality for patients and physicians, provided that an innovative, integrated approach to diagnostics is made available.

## Our Mission

After 20 years of experience in the product design, development, manufacturing and marketing of systems in the Immunology and Molecular Diagnostics fields, the mission of Immunospark is to make integrated diagnostic formats available to our customers and partners.

While this, we keep to develop new products and diagnostic solutions based on the increasing demand for standardized, qualified and automated systems at a sustainable price.

## Genespark assays

Due to its easy of use, standardization and flexibility as well, Real-Time PCR is a cornerstone in today’s clinical laboratory, offering newer and newer applications. Immunospark produces Molecular Diagnostic kits and offers a complete list of Real Time PCR assays meeting the broadening demand of the clinical laboratory. Our Company also offers research kits and custom formats or assays on demand, for more specialized or research laboratories.

Our kits are based on a hands-on format, are provided either in qualitative or quantitative option, with additional controls and calibrators set apart on request. Internal controls (IC) allow for monitoring the efficiency of the procedure starting from the extraction to the amplification. A careful calibration of IC provides robust validation of your results, adding confidence to your routine and standardization to your research.

## MEDICAL GENETICS

Code	Assay	Tests	Description	Tech
GM002	APO E	50	Kit for the identification of Apolipoprotein E polymorphisms	RT
GM003	DQ2/DQ8	50	Kit for the identification of the HLA haplotypes conferring susceptibility to celiac disease	RT
GM004	FII G2021A	50	Kit for the identification of genetic variation in the untranslated region 3' of the prothrombin gene.	RT
GM005	FV G1691A (F. V Leiden)	50	Kit for the identification of factor V mutation G1691A (or R506Q) associated to increased risk for arterial thrombosis.	RT
GM006	FV Y1702C	50	Kit for the identification of the coagulation Factor V Y1702C mutation, associated with hereditary thrombophilia.	RT
GM011	FV H1299R	50	Kit for the identification of the coagulation Factor V H1299R mutation, associated with hereditary thrombophilia.	RT
GM007	MTHFR C677T	50	Kit for the identification of methylene-tetrahydrofolate reductase gene C677T mutation.	RT
GM008	MTHFR A1298C	50	Kit for the identification of methylene-tetrahydrofolate reductase gene A1298C mutation.	RT
GM009	MTHFR MULTIPLEX	50	Kit for the identification of methylene-tetrahydrofolate reductase gene C677T and A1298C mutation.	RT
GM010	Coagu Panel	50	Kit for the detection of coagulation factors FII G20210A, FV G1691A and Y1702C, and MTHFR C677T and A1298C mutations.	RT
GM013	HFE C282Y	50	Kit for the identification of HFE gene C282Y mutation, associated with haemochromatosis.	RT
GM014	HFE H63D	50	Kit for identification of HFE gene H63D mutation, associated with haemochromatosis.	RT
GM015	HFE S65C	50	Kit for identification of HFE gene S65C mutation, associated with haemochromatosis.	RT
GM016	HFE Panel	50	Kit for the simultaneous identification of HFE gene C282Y, S65C and H63D mutation, associated with haemochromatosis.	RT
GM018	HLA B27	50	Kit for the identification of human leukocyte antigen type B27 gene associated with ankylosing spondylitis.	RT
GM019	ACD	50	Kit for the screening of single nucleotide polymorphism of codon124 (exon4) of $\beta$ igh3 gene in Avellino Corneal disease.	RT
GM020	G6PD Asian	50	Kit for screening of the G6PD (Glucose-6-phosphate dehydrogenase-deficiency) (Asian type).	C
GM021	G6PD African	50	Kit for screening of the G6PD (Glucose-6-phosphate dehydrogenase-deficiency) (African type).	C

**RT = Real time PCR; C = Conventional PCR**

## ONCOHAEMATOLOGY

Code	Assay	Tests	Description	Tech
HOE001	BCR-ABL p190	48	Kit for the identification and quantification of <i>m-bcr</i> fusion BCR-ABL 190 gene transcripts.	RT
HOE002	BCR-ABL p210	48	Kit for the identification and quantification of <i>m-bcr</i> fusion BCR-ABL 210 gene transcripts.	RT
HOE003	PML-RARa bcr1	24	Kit for the identification and quantification of <i>m-bcr</i> fusion PML-RARa bcr1 gene transcripts.	RT
HOE004	PML-RARa bcr2	24	Kit for the identification and quantification of <i>m-bcr</i> fusion PML-RARa bcr2 gene transcripts.	RT
HOE005	PML-RARa bcr3	24	Kit for the identification and quantification of <i>m-bcr</i> fusion PML-RARa bcr3 gene transcripts.	RT
HOE006	BCL2IgHTM t(14-18)	48	Kit for the identification and quantification of t(14;18) (Bcl2/IgH) for diagnosis and monitoring of follicular Cell lymphoma	RT
HOE007	BCL1IgHTM t(11-14)	48	Kit for the identification and quantification of t(11;14) (BCL-1/IgH) MTC for diagnosis and monitoring of Mantle cell lymphoma	RT
HOE008	MYC-N	48	Kit for the identification and quantification of MYCN gene.	RT

**RT = Real time PCR; C = Conventional PCR**

## ONCOLOGY

Code	Assay	Tests	Description	Tech
HO001	GSTP1 promoter	24	Detection of the methylation status of GSTP1 gene promoter.	RT
HO002	BRCA1	24	Detection of the methylation status of BRCA1 gene.	C
HO002-2	BRCA2	24	Detection of the methylation status of BRCA2 gene.	C
HO003	p16	24	Detection of the methylation status of p16 gene.	RT
HO004	MGMT promoter	24	Detection of the methylation status of MGMT gene promoter.	RT
HO005	hMLH 1 promoter	24	Detection of the methylation status of hMLH 1 gene promoter	RT
HO006	BRCA 1 promoter	24	Detection of the methylation status of BRCA 1 gene promoter	RT
HO007	DAP-kinase promoter	24	Detection of the methylation status of DAP-kinase gene promoter.	C

## ONCOLOGY

Code	Assay	Tests	Description	Tech
HO001PCR	Lymphoma B AMPLI	45	Determination of monoclonality for the lymphoma B cells.	C
HO001HSPCR	Lymphoma B AMPLI High sensitivity	45	Determination of monoclonality for the lymphoma B cells with high sensitivity.	C
HO002GPCR	Lymphoma TCR gamma AMPLI	45	Determination of TCR clonal rearrangements in T-Cell Lymphomas.	C
HO002BPCR	Lymphoma TCR beta AMPLI	45	Determination of monoclonality for the lymphoma B TCR gamma cells.	C

**RT = Real time PCR; C = Conventional PCR**

## PHARMACOGENETICS

Code	Assay	Tests	Description	Tech
HF001	MGMT	24	Methylation status of the MGMT gene.	C
HF002	B-RAF(V600E)	24	Detection of the mutation V600E of the B-Raf protein.	RT
HF003	K-RAS	12	Identification of mutation of codon 12 and codon 13 of K-Ras protein.	RT
HF004	N-RAS cod. 12, 13, 61	12	Identification of mutation of N-RAS proteins codon 12, 13 e 61.	RT
HF005	EGFR Elrea	12	Identification o the polymorphism ELREA (delE746-A750) of gene EGFR.	RT
HF006	EGFR	12	Identification of mutations in the gene encoding IL Receptor epidermal growth factor receptor (EGFR ).	RT
HF007	GSTP1 Ile105Val	50	Identification of polymorphirms Ile105Val of GSTP1 gene.	RT
HF008	MDR1 C3435T	50	Identification of polymorphirms A2677T of MDR1 gene.	RT
HF009	MDR1 G2677T	50	Identification of polymorphirms G2677T of MDR1 gene.	RT
HF010	MDR1 G2677T/A	50	Identification of polymorphirms G2677T/A of MDR1 gene.	RT

# PHARMACOGENETICS

Code	Assay	Tests	Description	Tech
HF011	CDA 451 C/T	50	Identification of polymorphism -451 C/T CDA gene (cytidine deaminase).	RT
HF012	CDA 79 A/C	50	Identification of polymorphism 79 A/C gene CDA gene (cytidine deaminase).	RT
HF013	HLA B 5701	30	Detection of HLA-B ALLELE 5701 (major histocompatibility complex, class I, B).	RT
HF014	IL28 b	50	Identification of polymorphism 28B of interleukine gene.	RT
HF015	CDA 435 C/T	50	Detection of 435 C/T polymorphism in CDA gene (cytidine deaminase).	RT
HF016	CDA -31del C	50	Detection of -31delC polymorphism in CDA gene (C cytidine deaminase).	RT
HF017	TYMS 28bp tandem repeat	25	Identification of the tandem repeat sequence of the thymidylate synthase gene (TYMS).	C
HF018	XRCC3 (A4541G)	25	Identification of gene polymorphisms XRCC3 (THR241MET 316 A> G) and ERCC2 (Lys751Gln SNP 2251A> C).	RT
HF019	ERCC2 (A751C)	25	Identification of gene polymorphisms ERCC2.	RT
HF020	MGMT leu84ph	12	Identification of polymorphisms leu84ph of leu84ph gene.	RT



# BACTERIOLOGY

Code	Assay	Tests	Description	Tech
HB001	<i>Borrelia burgdorferi</i>	50	Kit for the detection of <i>Borrelia burgdorferi</i> genome by amplification of the NapA gene.	RT
HB002	<i>Bartonella henselae</i>	50	Kit for the identification of the <i>Bartonella henselae</i> genome by amplification of the ribC gene.	RT
HB003	<i>Brucella</i> spp.	50	Kit for the identification of <i>Brucella</i> spp. genome by amplification of the bcsp31 gene.	RT
HB004	<i>Rickettsia</i> spp.	50	Kit for the identification of <i>Rickettsia</i> spp. genome by amplification of the gltA gene.	RT
HB005	<i>Pseudomonas aeruginosa</i>	50	Kit for the identification of <i>Pseudomonas aeruginosa</i> genome by amplification of the oprL gene.	RT
HB006	<i>Campylobacter</i> spp	50	Kit for the identification of <i>Campylobacter</i> genus genome by amplification of the inlA gene.	RT
HB010	<i>Mycoplasma</i> spp	50	Kit for the identification of <i>Mycoplasma</i> spp genome by amplification of the P1 gene.	RT
HB011	<i>Mycoplasma genitalium</i>	50	Kit for the identification of <i>Mycoplasma genitalium</i> genome by amplification of the B subunit of the DNA gyrase gene.	RT
HB012	<i>Mycoplasma hominis</i>	50	Kit for the identification of <i>Mycoplasma hominis</i> genome by amplification of the 16S rRNA gene.	RT
HB013	<i>Ureaplasma urealyticum</i>	50	Kit for the identification of <i>Ureaplasma urealyticum</i> genome by amplification of a specific sequence of ribosomal ITS	RT
HB013P	<i>Ureaplasma parvum</i>	50	Kit for the identification of <i>Ureaplasma parvum</i> genome by amplification of the Urease gene.	RT
HB014	<i>Chlamydia trachomatis</i> (RUO)	50	Kit for the identification of <i>Chlamydia trachomatis</i> genome by amplification of the ORF6 gene of the cryptic plasmid.	RT
HB016	<i>Mycoplasma pneumoniae</i>	50	Kit for the identification of <i>Mycoplasma pneumoniae</i> genome by amplification of the P1 gene.	RT
HB019	<i>Helicobacter pylori</i>	50	Kit for the identification of <i>Helicobacter pylori</i> genome by amplification of the UreC gene.	RT
HB020	<i>H. pylori</i> chloritromycin resist.	50	Kit for the identification of <i>H. pylori</i> genome and chloritromycin resistance by amplification of the gene coding for 23S rRNA.	RT
HB021	<i>Listeria monocytogenes</i>	50	Kit for the identification of <i>Listeria monocytogenes</i> genome by amplification of the inlA gene.	RT
HB022	<i>Salmonella</i> spp.	50	Kit for the identification of <i>Salmonella</i> spp genome by amplification of the Nuclease gene.	RT
HB023	<i>Yersinia enterocolitica</i>	50	Kit for the identification of <i>Yersinia enterocolitica</i> genome by amplification of the Yst gene.	RT
HB024	<i>Shigella</i> spp.	50	Kit for the identification of <i>Shigella</i> spp genome by amplification of the Yst gene.	RT
HB007	<i>Gardnerella vaginalis</i>	50	Kit for the identification of <i>Gardnerella vaginalis</i> genome by amplification of the Yst gene.	RT

## BACTERIOLOGY

<b>HB025</b>	MRSA	50	Kit for the identification of <i>Staphylococcus aureus</i> genome and the detection of methicillin resistance by amplification of nuc and mecA genes.	<b>RT</b>
<b>HB026</b>	Streptococcus pyogenes	50	Kit for the identification of <i>Streptococcus pyogenes</i> genome by amplification of the 16S rRNA gene.	<b>RT</b>
<b>HB027</b>	Legionella pneumophila	50	Kit for the identification of <i>Legionella pneumophila</i> genome by amplification of the MP gene.	<b>RT</b>
<b>HB028</b>	Chlamydomphila pneumoniae (RUO)	50	Kit for the identification of <i>Chlamydia pneumoniae</i> genome by amplification of the OMP gene.	<b>RT</b>
<b>HB029</b>	Mycobacterium avium	50	Kit for the identification of <i>Mycobacterium avium</i> genome by amplification of the 16S rRNA gene.	<b>RT</b>
<b>HB030</b>	M. avium sub paratuberculosis	50	Kit for the identification of <i>Mycobacterium avium subsp. paratuberculosis</i> genome by amplification of the IS900 gene.	<b>RT</b>
<b>HB038</b>	Clostridium difficile	50	Kit for the detection of <i>Clostridium difficile</i> tcdA and tcdB toxin genes	<b>RT</b>
<b>HB032</b>	MTC/NTM	50	Kit for the simultaneous detection of MTB and of 5 species <i>not-tuberculosis mycobacteria</i> (co-infections) using multiplex PCR technology.	<b>RT</b>
<b>HB033</b>	MTB/M. bovis (Complex)	50	Kit for the simultaneous detection of the MTB and <i>mycobacterium bovis</i> using multiplex PCR technology.	<b>RT</b>
<b>HB034</b>	M. avium / M. intracellulare	50	Kit for the simultaneous detection of the MTB and the Mycobacterium intracellulare of NON Tuberculosis Mycobacterium using multiplex PCR technology.	<b>C</b>
<b>HB035</b>	CRE(VIM,IMP,NDM,KPC)	50	Kit for the detection of 4 types of <i>Carbapenem-Resistant enterobacteriaceae</i> genes (VIM, IMP, NDM and KPC) coding in metallo-β-lactamase-1 using multiplex PCR technology.	<b>C</b>
<b>HB036</b>	M. intracellulare	50	Kit for the detection of the <i>Mycobacterium intracellulare</i> genome using a Real-Time PCR technology.	<b>RT</b>
<b>HB009</b>	Neisseria gonorrhoeae	50	Kit for the identification of <i>Neisseria gonorrhoeae</i> genome by amplification of the methyltransferase gene and the cryptic plasmid.	<b>RT</b>
<b>HB041</b>	Klebsiella pneumoniae	50	Kit for the identification of <i>Klebsiella pneumoniae</i> genome.	<b>RT</b>
<b>HB045</b>	Chlamydomphila psittaci (RUO)	50	Kit for the identification of <i>Chlamydomphila psittaci</i> genome by amplification of the OMP gene.	<b>RT</b>
<b>HB042</b>	Lactobacillus spp	50	Kit for the identification of <i>Lactobacillus spp</i> genome by amplification of the P1 gene.	<b>RT</b>
<b>HB043</b>	Lactobacillus crispatus	50	Kit for the identification of <i>Lactobacillus crispatus</i> genome by amplification of a specific region ITS 16S-23S.	<b>RT</b>
<b>HB044</b>	Atopobium vaginae	50	Kit for the identification of <i>Atopobium vaginae</i> genome by amplification of a specific region ITS 16S-23S.	<b>RT</b>
<b>HB010X1</b>	Mycoplasma Panel	50	Kit for the simultaneous detection of <i>Mycoplasma genitalium</i> , <i>Mycoplasma hominis</i> , <i>Ureaplasma urealyticum</i> genome using multiplex PCR technology.	<b>RT</b>
<b>HB040</b>	Haemophilus ducrei	50	Kit for the identification of <i>Haemophilus ducrei</i> genome by amplification of the B subunit of DNA gyrase gene.	<b>RT</b>
<b>HB008</b>	Treponema pallidum	50	Kit for the identification of <i>Treponema pallidum</i> genome by amplification of the lipoprotein 47kDa gene.	<b>RT</b>

# VIROLOGY

Code	Assay	Tests	Description	Tech
HV001	EBV	50	Kit for the identification and quantification of <i>Epstein Barr Virus</i> genome by amplification of the EBNA leader protein gene.	RT
HV002	CMV (RUO)	50	Kit for the identification and quantification of <i>Human Cytomegalovirus</i> genome by amplification of the Pol gene..	RT
HV003	HSV1	50	Kit for the identification and quantification of <i>Herpes simplex Virus 1</i> genome by amplification of a HSV1 – specific sequence within US4 gene.	RT
HV004	HSV2	50	Kit for the identification and quantification of <i>Herpes simplex Virus 2</i> genome by amplification of a HSV2 – specific sequence within US4 gene.	RT
HV004B	HSV 1&2	50	Kit for the simultaneous identification and quantification of <i>Herpes simplex Virus 1</i> genome by amplification of a HSV1 – specific sequence within US4 gene and <i>Herpes simplex Virus 2</i> genome by amplification of a HSV2 – specific sequence within US4 gene.	RT
HV005	HHV6	50	Kit for the identification and quantification of <i>Human Herpes Virus 6</i> genome by amplification of specific DNA sequence within 13R gene.	RT
HV006	HHV8	50	Kit for the identification and quantification of <i>Human Herpes Virus 8</i> genome by amplification of specific DNA sequence within ORF 26 gene.	RT
HV007	VZV	50	Kit for the identification and quantification of <i>Varicella-Zoster Virus</i> genome by amplification of specific DNA sequence within ORF 38 gene.	RT
HV008	Herpes panel	50	Kit for the identification of <i>HSV1</i> , <i>HSV2</i> , <i>HHV6</i> , <i>HH8</i> , <i>EBV</i> and <i>VZV</i> genomes by parallel amplification of specific DNA sequences in the same assay.	RT
HV009	Adenovirus	50	Kit for the identification and quantification of <i>Adenovirus</i> genome by amplification of the Hexon gene.	RT
HV010	JCV	50	Kit for the identification and quantification of <i>JC Virus</i> genome by amplification of the large T antigen gene.	RT
HV011	BKV	50	Kit for the identification and quantification of <i>BK Virus</i> genome by amplification of the small T antigen gene.	RT
HV012	JC/BK virus	50	Kit for the identification of <i>JC Virus</i> and <i>BK Virus</i> genomes by amplification of sequences within the large T antigen gene and the small T antigen gene.	RT
HV013	Parvovirus B19	50	Kit for the identification and quantification of <i>Parvovirus B19</i> genome by amplification of VP1 gene.	RT
HV016	Enterovirus	50	Kit for the identification and quantification of <i>Enterovirus</i> genome by retrotranscription and cDNA amplification of the 5' UTR.	RT
HV017	HPV HR	50	Kit for the detection of the HR genotypes of the <i>Human Papilloma Virus</i> (High Risk).	RT

## VIROLOGY

Code	Assay	Tests	Description	Tech
HV017LR	HPV LR	50	Kit for the detection of the LR genotypes of the <i>Human Papilloma Virus</i> (Low Risk).	RT
HV018X2GEN	HPV genotyping 14 genotypes	100	Kit for the genotyping of 14 High-Risk genotypes of <i>Human Papilloma Virus</i> .	RT
HV021	Influenza A/B	50	Kit for the detection of the <i>Influenza virus A</i> and <i>Influenza virus B</i> using multiplex RT-PCR technology.	RT
HV022	Influenza subtype A (6 subtypes)	50	Kit for the detection of 6 genotypes of the <i>Influenza virus A subtype</i> using multiplex RT-PCR technology.	RT
HV023B	Dengue virus	20	Kit for the detection of the 4 subtypes of <i>Dengue virus</i> genome.	RT
HV023	Dengue virus	100	Kit for the detection of the 4 subtypes of <i>Dengue virus</i> genome.	RT
HV025B	Zaire Ebola virus	20	Kit for the detection and quantification of the <i>Zaire Ebola virus</i> genome.	RT
HV025	Zaire Ebola virus	100	Kit for the detection and quantification of the <i>Zaire Ebola virus</i> genome.	RT
HV015B-20	Respiratory virus panel 16	20	Kit for the detection of the genome of 16 main respiratory viruses.	RT
HV015B	Respiratory virus panel 16	100	Kit for the detection of the genome of 16 main respiratory viruses.	RT
HV027	Zika virus	50	Kit for the detection of the <i>ZIKA virus</i> genome.	RT
HV032	Chikungunya virus	50	Kit for the detection of the <i>Chikungunya virus</i> genome	RT
HV026	West Nile virus	50	Kit for the detection and quantification of the West Nile Virus genome.	RT
HV028	Norovirus GI/GII	50	Kit for the detection and quantification of the <i>Norovirus</i> glycoproteins genome.	RT
HV029	Astrovirus	50	Kit for the detection and quantification of the <i>Astrovirus</i> genome.	RT
HV030	Rotavirus	50	Kit for the detection and quantification of the <i>Rotavirus</i> genome.	RT
HV031	Bocavirus	50	Kit for the detection and quantification of the <i>Bocavirus</i> genome.	RT

# PARASITOLOGY

Code	Assay	Tests	Description	Tech
HP001	Leishmania	50	Kit for identification and quantification of the <i>Leishmania infantum</i> genome by DNA amplification of the minicircle DNA.	RT
HP001B	Leishmania DUPLEX	50	Kit for the identification and quantification of the <i>Leishmania infantum</i> and of the <i>Leishmania donovani</i> genome by DNA amplification and detection of the rRNA 18S gene.	RT
HP001I	Leishmania infantum complex	50	Kit for identification and quantification of the <i>Leishmania infantum</i> complex genome by DNA amplification of the minicircle DNA	RT
HP001T	Leishmania tropica	50	Kit for identification and quantification of <i>Leishmania tropica</i> genome by DNA amplification of the G6PI gene	RT
HP001M	Leishmania major	50	Kit for identification and quantification of <i>Leishmania major</i> genome by DNA amplification of the G6PI gene	RT
HP001A	Leishmania aethiopica	50	Kit for identification and quantification of <i>Leishmania aethiopica</i> genome by DNA amplification of the G6PI gene	RT
HP001ME	Leishmania mexicana complex	50	Kit for identification and quantification of <i>Leishmania mexicana complex</i> genome by DNA amplification of the G6PI gene	RT
HP001V	Leishmania (Viannia) complex	50	Kit for identification and quantification of <i>Leishmania (Viannia)</i> genome by DNA amplification of the G6PI gene	RT
HP001X1	Leishmania Combo	50	Kit for identification and quantification of <i>Leishmania infantum, tropicamajor and aethiopica</i> genome by DNA amplification of the G6PI gene	RT
HP002	Toxoplasma gondii (RUO)	50	Kit for identification and quantification of the <i>Toxoplasma gondii</i> genome by DNA amplification of the region B1.	RT
HP007	Strongyloides stercoralis	50	Identification of the <i>Strongyloides stercoralis</i> genome by DNA amplification and detection of the 18s rDNA gene.	RT
HP008	Entamoeba histolytica	50	Identification of the <i>Entamoeba histolytica</i> genome by DNA amplification and detection of the 18s rDNA gene.	RT
HP009	Entamoeba dispar	50	Identification of the <i>Entamoeba dispar</i> genome by DNA amplification and detection of the 18s rDNA gene.	RT
HP010	Malaria spp	50	Identification of the <i>Malaria spp</i> genome by DNA amplification and detection of the 18s rDNA gene.	RT
HP010X1	Malaria panel 1	50	Simultaneous identification of the <i>Plasmodium spp</i> and the <i>Plasmodium falciparum</i> .	RT
HP010X2	Malaria panel 2	50	Parallel identification of the <i>Plasmodium falciparum</i> , the <i>Plasmodium vivax</i> , the <i>Plasmodium ovale</i> and the <i>Plasmodium malariae</i> .	RT
HP006	Trypanosoma cruzi	50	Identification and quantification of the <i>Trypanosoma cruzi</i> genome by DNA amplification and detection of the 18s rDNA gene.	RT
HP003	Trichomonas vaginalis	50	Identification of the <i>Trichomonas vaginalis</i> genome by DNA amplification and detection of the G3 b tubulin gene.	RT
HP014	Blastocystis hominis	50	Kit for identification and quantification of <i>Blastocystis hominis</i> genome by DNA amplification of the rRNA 18S gene	RT

# PARASITOLOGY

Code	Assay	Tests	Description	Tech
HP011	Babesia spp	50	Kit for identification and quantification of <i>Babesia spp</i> genome by DNA amplification of the rRNA 18S gene	RT
HP015	Dientamoeba fragilis	50	Kit for identification and quantification of <i>Dientamoeba fragilis</i> genome by DNA amplification of the rRNA 18S gene	RT
HP016	Trichuris trichiura	50	Kit for identification and quantification of <i>Trichuris trichiura</i> genome by DNA amplification of the rRNA 18S gene	RT
HP011M	Babesia microti	50	Kit for identification and quantification of <i>Babesia microti</i> genome by DNA amplification of the rRNA 18S gene	RT
HP011D	Babesia divergens	50	Kit for identification and quantification of <i>Babesia divergens</i> genome by DNA amplification of the rRNA 18S gene	RT
HP012	Giardia lamblia	50	Kit for identification and quantification of <i>Giardia lamblia</i> genome by DNA amplification of the beta-giardin gene	RT
HP013	Cryptosporidium spp	50	Kit for identification and quantification of <i>Cryptosporidium spp</i> genome by DNA amplification of the COWP gene	RT
HP013H	Cryptosporidium hominis	50	Kit for identification and quantification of <i>Cryptosporidium hominis</i> genome by DNA amplification of the COWP gene	RT
HP013P	Cryptosporidium parvum	50	Kit for identification and quantification of <i>Cryptosporidium parvum</i> genome by DNA amplification of the COWP gene	RT
HP017	Schistosoma mansoni	50	Kit for identification and quantification of <i>Schistosoma mansoni</i> genome by DNA amplification of the rRNA 18S gene	RT
HP018	Schistosoma hematobium	50	Kit for identification and quantification of <i>Schistosoma hematobium</i> genome by DNA amplification of the rRNA 18S gene	RT
HP019	Cyclospora cayetanensis	50	Kit for identification and quantification of <i>Cyclospora cayetanensis</i> genome by DNA amplification of the rRNA 18S gene	RT
HP020	Ancylostoma duodenale	50	Kit for identification and quantification of <i>Ancylostoma duodenale</i> genome by DNA amplification of the rRNA 18S gene	RT
HP021	Necator americanus	50	Kit for identification and quantification of <i>Necator americanus</i> genome by DNA amplification of the rRNA 18S gene	RT
HP022	Ascaris lumbricoides	50	Kit for identification and quantification of <i>Ascaris lumbricoides</i> genome by DNA amplification of the rRNA 18S gene	RT

## MICOLOGY

Code	Assay	Tests	Description	Tech
HM001	Aspergillus fumigatus	50	Kit for the identification and quantification of <i>Aspergillus fumigatus</i> genome by amplification of the ITS1-ITS2 region.	RT
HM002	Aspergillus spp.	50	Kit for the identification and quantification of <i>Aspergillus spp</i> genome by amplification of the ITS1-ITS2 region.	RT
HM004	Candida albicans	50	Identification and quantification of the <i>Candida albicans</i> genome by DNA amplification and detection of the rRNA 18S gene.	RT
HM004D	Candida guilliermondii	50	Identification and quantification of the <i>Candida guilliermondii</i> genome by DNA amplification and detection of the rRNA 18S gene.	RT
HM004R	Candida rugosa	50	Identification and quantification of the <i>Candida rugosa</i> genome by DNA amplification and detection of the rRNA 18S gene.	RT
HM004T	Candida tropicalis	50	Identification and quantification of the <i>Candida tropicalis</i> genome by DNA amplification and detection of the rRNA 18S gene	RT
HM004G	Candida glabrata	50	Identification and quantification of the <i>Candida glabrata</i> genome by DNA amplification and detection of the rRNA 18S gene.	RT
HM004X1	Candida panel	50	Identification of the <i>Candida glabrata</i> , <i>Candida albicans</i> and <i>Candida krusei</i> genome by DNA amplification and detection of the rRNA 18S gene.	RT
HM006	Cryptococcus neoformans	50	Identification and quantification of the <i>Cryptococcus neoformans</i> genome by amplification of the ITS2 region.	RT
HM006X1	Cryptococcus DUPLEX	50	Identification of the <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> by amplification of the ITS2 region.	RT
HM007	Pneumocystis jirovecii	50	Identification and quantification of the <i>Pneumocystis jirovecii</i> by amplification of the ITS region.	RT

## MULTIPARAMETRIC PANELS

Code	Assay	Tests	Description	Tech
HB009B	TRIPLEX NTG (Neiss Trich Gardn)	50	Kit for the identification and quantification of the <i>Neisseria gonorrhoeae</i> , of the <i>Trichomonas vaginalis</i> and of the <i>Gardnerella vaginalis</i> genome.	RT

## DNA/RNA EXTRACTION KITS

Code	Assay	Rxns	Description
EXMB002-50	Integra RNA/DNA PURE extraction kit	50	Spin-column-based system for the isolation of nucleic acid (RNA and DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples.
EXMB002-200	Integra RNA/DNA PURE extraction kit	200	Spin-column-based system for the isolation of nucleic acid (RNA and DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples.
EXMB003-100	Integra MAG RNA/DNA extraction kit	100	Magnetic bead-based system for the isolation of nucleic acid (RNA and DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples
EXMB003-200	Integra MAG RNA/DNA extraction kit	200	Magnetic bead-based system for the isolation of nucleic acid (RNA and DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples.
EXMB004-100	Integra MAG RNA/DNA PURE extraction kit	100	Magnetic bead-based system for the isolation and purification of nucleic acid (RNA and DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples.
EXMB004-200	Integra MAG RNA/DNA PURE extraction kit	200	Magnetic bead-based system for the isolation and purification of nucleic acid (RNA and DNA) from clinical specimens (e.g. blood, urine, tissue, stool, etc.), food and environmental samples.



## Sales conditions

### Orders

Orders must bring the heading of the client and the complete social reason, the VAT number or tax identification number, the number of order and the date, the reference to the offer of Immunospark, the banking coordinates, the address of delivery of the commodity and eventually the schedules of delivery.

Send orders to:

e-mail [orderentry@immunospark.com](mailto:orderentry@immunospark.com)

e-mail [sales@immunospark.com](mailto:sales@immunospark.com)

### Shipping

The commodity travels for account and to risk of the buyer.

### Claims

Claims on the received commodity must be introduced through certified letter, attaching bead of delivery, within 10 days from the reception of the commodity.

### Payments

Payments must be realized in the suitable terms on the offer referred to the last order. In case of missed payment at the expiration date, Immunospark will be free of every obligation of supply previously assumed.

### Competent Court

For every legal controversy, the competent court will be the Court of Rome, Italy.

**Certificates**



**ISO 9001:2008**

**ISO 13485:2012**





***Immunospark s.r.l.***

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