

## Molecular Diagnostics of Viral Diseases – Price List

Code	Test Name	Specimen	Reporting Time	Price (LKR)
ADV	Adenovirus genome detection by PCR	1-2 ml of whole blood, Throat swabs, Stools, Urine	2 days	8500
AVINF	Avian influenza virus detection by RT-PCR	Nasal swab, Throat swab, Nasopharyngeal aspirate	7 - 36 hrs	9900
CHIK	Chikungunya virus detection by RT-PCR	1-2 ml blood for serum/plasma	7 - 36 hrs	9900
CMV	Cytomegalovirus (HHV5) genome detection by PCR	1-2ml of whole blood, Minimum of 0.1 ml CSF, 250 mg of biopsy tissue, Urine	2 days	11300
DENTP	Dengue serotyping genome detection by RT-PCR	1-2 ml blood for serum/plasma	7 - 36 hrs	11300
ENTV	Enterovirus genome detection by RT-PCR (Poliovirus, Coxsackie viruses, Echovirus, New Enteroviruses)	Any biological sample	2 days	9900
JE	Japanese encephalitis virus detection by RT-PCR	Minimum of 0.1 ml CSF	2 days	9900
HSV	Herpes simplex virus (HHV1/2) genome detection by PCR	Any biological sample	2 days	8500
EPST	Epstein-Barr virus (HHV4) detection by PCR	Any biological sample	2 days	8500
FLAV	Flavivirus genome detection by RT-PCR	Minimum of 0.1 ml CSF, 1-2 ml blood for serum/plasma	7 - 36 hrs	9900
H1N1	Pandemic (H1N1) 2009 virus detection by RT-PCR	Respiratory specimens – Nasal, Nasopharyngeal and Throat swabs <b>preferred</b>	7 - 36 hrs	9900
HBV	Hepatitis B virus genome detection by PCR	1-2 ml blood for serum/plasma <b>preferred</b> , Tissue	3 days	8500
HCV	Hepatitis C virus genome detection by RT-PCR	1-2 ml blood for serum/plasma <b>preferred</b>	3 days	9900
HCVTP	Hepatitis C virus genotype detection by DNA sequencing followed by RT-PCR	1-2 ml blood for serum/plasma <b>preferred</b>	3 weeks	16200
HIV	Human Immunodeficiency virus -1 (Qualitative) detection by RT-PCR	1-2 ml of blood for serum/plasma	2 days	14300
HPV	Human Papillomavirus genome detection by PCR	Vaginal swab, Penile swab	2 days	8500
HZV / VZV	Herpes zoster virus / Varicella zoster virus (HHV3) genome detection by PCR	1-2 ml of whole blood, Minimum of 0.1 ml CSF, Vesicle fluid (first 3 days after rash), Vesicle swab, Tissue, Skin scrapings (all samples in sterile saline in ice)	2 days	8500
INFA	Influenza A viral genome detection by RT PCR	Respiratory specimens - Nasal and Throat swabs <b>preferred</b> , Nasopharyngeal aspirates, Broncho Alveolar Lavage, Tracheal aspirates	2 days	9900
INFB	Influenza B viral genome detection by RT PCR	Respiratory specimens - Nasal and Throat swabs <b>preferred</b> , Nasopharyngeal aspirates, Broncho Alveolar Lavage, Tracheal aspirates	2 days	9900
MESL	Measles virus genome detection by PCR	Oral fluid, Urine, Throat swab, Whole blood	2 days	8500
PAVO	Parvovirus B19 genome detection by PCR	Any biological sample from the suspected site of infection	2 days	8500
RSV	Respiratory syncytial virus detection by RT PCR (HRSV)	Respiratory specimens - Nasal and throat swabs <b>preferred</b> , Nasopharyngeal aspirates, Broncho Alveolar Lavage, Tracheal aspirates	2 days	9900
RUBL	Rubella viral genome detection by RT PCR	Throat swabs <b>preferred</b> , Nasal swabs, Urine, 1-2 ml of Whole blood, Minimum of 0.1 ml CSF	2 days	9900
SARS	SARS virus Detection by RT PCR	Respiratory specimens – Nasal, Nasopharyngeal and Throat swabs <b>preferred</b>	2 days	9900

## Molecular Diagnostics of Bacterial and Other Infectious Diseases – Price List

Code	Test Name	Specimen	Reporting Time	Price (LKR)
BRUC	<i>Brucella</i> spp. genome detection by PCR	Up to 7 days after clinical onset 1-2 ml Whole blood, 0.5 ml of CSF, Tissue, Urine	3 days	8500
CAND	<i>Candida</i> SPP. genome detection by PCR	Any biological sample	3 days	8500
CANDA	<i>Candida albicans</i> genome detection by PCR	Any biological sample	3 days	8500
CANDG	<i>Candida glabrata</i> genome detection by PCR	Any biological sample	3 days	8500
CANDP	<i>Candida parapsilosis</i> genome detection by PCR	Any biological sample	3 days	8500
CANDT	<i>Candida tropicalis</i> genome detection by PCR	Any biological sample	3 days	8500
CHLM	<i>Chlamydia trachomatis</i> genome detection by PCR	Vaginal swab, Urogenital swab, Vesicle fluid or cells from base of ulcer, Conjunctive, Urine, Nasopharyngeal swabs or any suspected site,	3 days	8500
CPNEU	<i>Chlamydia pneumoniae</i> genome detection by PCR	1 – 2 ml Sputum, Throat swabs	3 days	8500
CHOL	<i>Vibrio cholerae</i> genome detection by PCR	Stools (faeces)	3 days	8500
ENTB	<i>Enterobacter</i> spp. genome detection by PCR	Any biological sample	3 days	8500
FIL	<i>Wuchereria bancrofti</i> genome detection by PCR	1 ml night whole blood, 1 ml hydrocele fluid, 5ml Chyluria	3 days	8500
GONO	<i>Neisseria gonorrhoea</i> genome detection by PCR	Urogenital Specimen, Vaginal discharge, Rectal specimen, Urine	3 days	8500
HEIN	<i>Haemophilus influenzae</i> genome detection by PCR	Any biological sample	3 days	8500
HELI	<i>Helicobacter pylori</i> genome detection by PCR	200 mg gastric biopsy, 5 ml gastric aspirate	3 days	8500
LEPT	<i>Leptospira</i> spp. genome detection by PCR	1-2 ml Whole blood - Up to 7 days after clinical onset, Urine- after 10 to14 days from clinical onset.	3 days	8500
MAL	MALP- <i>Plasmodium</i> spp. genome detection by PCR	1-2 ml whole blood (collect after 2-3 hours of the fever peak), 0.5 ml of CSF, Tissue	3 days	8500
	MALPF- <i>Plasmodium falciparum</i> detection by PCR		3 days	
	MALPV- <i>Plasmodium vivax</i> detection by PCR		3 days	
MLEP	<i>Mycobacterium leprae</i>	Skin Scrapings, Skin Biopsy	5 days	8500
MRSA	Methicillin Resistant <i>Staphylococcus aureus</i>	Any biological sample	2 days	8500
MYCO	<i>Mycoplasma</i> spp. genome detection by PCR	Any biological sample	3 days	8500
MYCOPN	<i>Mycoplasma pneumoniae</i> genome detection by PCR	Respiratory specimens, 1-2 ml Whole blood	3 days	8500
PNEU	<i>Pneumocystis carinii</i> genome detection by PCR	1-2 ml Sputum, Broncho Alveolar Lavage	3 days	8500
STAP	<i>Staphylococcus</i> spp. genome detection by PCR	Any biological sample, culture, swabs	3 days	8500
STREP	<i>Streptococcus pneumoniae</i> genome detection by PCR	Any biological sample	3 days	8500
SYPL	Syphilis ( <i>Treponema pallidum</i> ) genome detection by PCR	1-2 ml of Whole blood, 0.5 ml of CSF, Amniotic fluid, Genitourinary ulcer specimens	3 days	8500
TB	<i>Mycobacterium tuberculosis</i> genome detection by PCR	Any biological sample from the suspected site of infection. Blood and blood mix samples must be sent with an anticoagulant (EDTA or ACD, <b>NOT HAPARIN</b> ), Culture samples.	3 days	8500
TOXO	<i>Toxoplasma gondii</i> genome detection by PCR	3 ml Amniotic fluid, 3 ml Body fluid, 0.4-1.0 ml CSF, 0.1-0.5 ml Ocular fluid, 1 ml Whole blood, 1 ml Bone marrow, 6-10 ml Urine	3 days	8500
WHOP	whooping cough – <i>Bordetella pertusis</i> detection by PCR	Nasopharyngeal swabs	3 days	8500
UNIFUN	Universal fungal detection of any fungal species	Any biological sample	3 days	8500
UNIMYCO	<i>Mycobacterium</i> spp. Detection by PCR	Any biological sample from the suspected site of infection. Blood and blood mix samples- with an anticoagulant (EDTA or ACD, <b>NOT HAPARIN</b> ), Cultures.	2 days	8500

## Molecular Diagnostics of Genetic Disorders – Price List

Code	Test Name	Specimen	Reporting Time	Price (LKR)
DMD	Duchenne Muscular Dystrophy – 19 Deletion prone exons of the Dystrophin gene will be tested by PCR	3 ml of whole blood	1 week	14000
HEMO	Hemochromatosis (C282Y, H63D and S65C) detection by PCR	3ml of whole blood,	1 week	10500
βTHAL	β Thalassemia (IVS1-1, IVS1-5, Cd8/9, Cd41/42 and HbE mutations) detection by PCR	3 ml of whole blood	1 week	16000
APO E	APO E isoform detection by PCR	3 ml of whole blood	2 weeks	14100

## Molecular Diagnostics of Cancer Markers – Price List

Code	Test Name	Specimen	Reporting Time	Price (LKR)
PHIL	Philadelphia Chromosome (bcr-abl translocation) detection by PCR	2.5 ml of whole blood	1 week	11900
JAK 2	Point Mutation) p.(V 617F) Janus Kinase 2 gene	2.5 ml of whole blood	1 week	8500

## Sample Collection Guide

Sample/Specimen	Collection	Transport	Storage
Whole blood	1-2 ml of blood in ACD or EDTA (imp- not in Heparin) delivered within 6 hours of collection	Up to 6 hours at room temperature At +4°C (on ice) if transported for more than 6 hours	At +4°C (on ice) for up to 7 days
Clotted Blood	1-2ml of blood delivered within 6 hours of collection	Up to 6 hours at room temperature At +4°C (on ice) if transported for more than 6 hours	At +4°C (on ice) for up to 7 days
Swabs (Nasal, Vaginal, Throat, etc)	Collected into a sterile container and delivered within 6 hours	Up to 6 hours at room temperature At +4°C (on ice) if transported for more than 6 hours	At +4°C (on ice) for up to 7 days At -70°C for more than 7 days
Stool / Urine	Collected into a sterile container and delivered within 6 hours	Up to 6 hours at room temperature At +4°C (on ice) if transported for more than 6 hours	At +4°C (on ice) for up to 7 days At -70°C for more than 7 days
Body Fluids (CSF, Bronchoalveolar Lavage, etc)	Collected into a sterile container and delivered within 6 hours (If contaminated with blood add ACD or EDTA)	Up to 6 hours at room temperature At +4°C (on ice) if transported for more than 6 hours	At +4°C (on ice) for up to 7 days At -70°C for more than 7 days
Bone Marrow	Collected into a sterile container having ACD or EDTA and delivered within 6 hours	Up to 6 hours at room temperature At +4°C (on ice) if transported for more than 6 hours	At +4°C (on ice) for up to 7 days

**Note:** Blood and blood mix samples must be sent with an anticoagulant (EDTA or ACD, **NOT HEPARIN**).

For more information on Molecular Diagnostics, please contact us.

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