



MOLECULAR GENETIC TESTS	SAMPLE TYPE	MOLECULAR MICROBIOLOGY TESTS	SAMPLE TYPE
<input type="checkbox"/> Achondroplasia - FGFR3 (G1138A/C) Mutation Analysis	Blood ^{EDTA}	<input type="checkbox"/> Adenovirus DNA PCR	BAL, NPA, Swap (NF)
<input type="checkbox"/> Alpha 1 Antitrypsin Deficiency Genotype Analysis-Pi (m, s, z)	Blood ^{EDTA}	<input type="checkbox"/> Aspergillus DNA PCR	BAL, NPA, Blood ^{EDTA}
<input type="checkbox"/> Alpha Thalassemia - HBA1 & HBA2 MLPA + Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Brucella DNA PCR	CSF, Tissue, Blood ^{EDTA}
<input type="checkbox"/> Beta Thalassemia - HBB Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Candida Albicans DNA PCR	Urine, Swap, Blood ^{EDTA}
<input type="checkbox"/> CADASIL - NOTCH3 (Exon 3-6) Sequence Analysis	Blood ^{EDTA}	<input type="checkbox"/> Chlamydia Pneumoniae DNA PCR	BAL, NPA, Blood ^{EDTA}
<input type="checkbox"/> Cardiac Genetics Panel	Blood ^{EDTA}	<input type="checkbox"/> CMV DNA PCR Quantitative	A.F., CSF, Urine, Blood ^{EDTA}
<input type="checkbox"/> Cardiomyopathy Gene Panel	Blood ^{EDTA}	<input type="checkbox"/> Covid-19 RNA PCR (SARS CoV-2)	vNAT, VTM
<input type="checkbox"/> Celiac HLA Genotype Analysis (DQ2,DQ8)	Blood ^{EDTA}	<input type="checkbox"/> Enterovirus RNA PCR	CSF, Serum, Blood ^{EDTA}
<input type="checkbox"/> Clinical Exome Sequence Analysis (Please ask for detailed consent form)	Blood ^{EDTA}	<input type="checkbox"/> HBV DNA Genotype Analysis	Serum
<input type="checkbox"/> Comprehensive Mody Panel	Blood ^{EDTA}	<input type="checkbox"/> HBV DNA PCR Quantitative	Serum
<input type="checkbox"/> Congenital Deafness - CONNEXIN 26 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> HCV RNA Genotype Analysis	Serum
<input type="checkbox"/> Cystic Fibrosis - CFTR Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> HCV RNA PCR Quantitative	Serum
<input type="checkbox"/> DMD/BMD Deletion/Daplication Analysis	Blood ^{EDTA}	<input type="checkbox"/> HDV RNA PCR Quantitative	Serum
<input type="checkbox"/> Dravet Syndrome - SCN1A Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Helicobacter Pylori DNA PCR	Stool
<input type="checkbox"/> Dursun Syndrome - G6PC3 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> HIV 1 RNA PCR Quantitative	Serum, Blood ^{EDTA}
<input type="checkbox"/> Endocrine Diseases Sequencing Panel	Blood ^{EDTA}	<input type="checkbox"/> HIV Drug Resistance Analysis Panel	Serum, Blood ^{EDTA}
<input type="checkbox"/> Fabry Disease - GLA Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> HPV DNA Genotyping (>100 Genotype)	Swap, Thin Prep, Biopsy
<input type="checkbox"/> Febrile Diseases Panel (MEFV, NLRP3, TNFRSF1A, MKV)	Blood ^{EDTA}	<input type="checkbox"/> HPV DNA PCR	Swap, Thin Prep, Biopsy
<input type="checkbox"/> FMF - MEFV (Exon 2, 3, 5, 10) Sequence Analysis	Blood ^{EDTA}	<input type="checkbox"/> HSV Type 1, 2 DNA PCR	CSF, Serum, Swap, Blood ^{EDTA}
<input type="checkbox"/> FMF - MEFV Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Influenza A, B Virus RNA PCR (Including H1N1)	Swap (NF), BAL, Sputum, CSF
<input type="checkbox"/> Fragile X Syndrome - FMR1 CGG Repeat Genetic Analysis	Blood ^{EDTA}	<input type="checkbox"/> Lamivudine Resistance Analysis	Serum, Blood ^{EDTA}
<input type="checkbox"/> Fructose 1.6 Bisphosphatase Deficiency - FBPI Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Meningitis Panel (PCR)	CSF, Body Fluid
<input type="checkbox"/> General Cardiomyopathy Panel	Blood ^{EDTA}	<input type="checkbox"/> Parvovirus B19 DNA PCR	A.F., CSF, Blood ^{EDTA}
<input type="checkbox"/> Hemochromatosis - HFE Mutation Analysis (18 Mutations)	Blood ^{EDTA}	<input type="checkbox"/> Pneumocystis Jirovecii DNA PCR	BAL, NPA, Blood ^{EDTA}
<input type="checkbox"/> HLA B27 PCR	Blood ^{EDTA}	<input type="checkbox"/> Polyoma BK Virus DNA PCR	CSF, Urine, Serum, Blood ^{EDTA}
<input type="checkbox"/> HLA B5 (B51, B52) PCR	Blood ^{EDTA}	<input type="checkbox"/> Polyoma JC Virus DNA PCR	CSF, Blood ^{EDTA}
<input type="checkbox"/> Hyper IgE Syndrome (AD) - STAT3 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Respiratory Panel	BAL, NPA, Swap (NF)
<input type="checkbox"/> Hyper IgE Syndrome (AR) - DOCK8 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Rubella RNA PCR	Amniotic Fluid, Blood ^{EDTA}
<input type="checkbox"/> Hypercholesterolemia - LDLR Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> STD Panel	Swap, Urogenital Discharge, Biopsy
<input type="checkbox"/> Hypertrophic Cardiomyopathy Panel	Blood ^{EDTA}	<input type="checkbox"/> TBC DNA PCR	BAL, Sputum, CSF, Urine
<input type="checkbox"/> JAK2 V617F Mutation Analysis	Blood ^{EDTA}	<input type="checkbox"/> Toxoplasma Gondii DNA PCR	A.F., CSF, Blood ^{EDTA}
<input type="checkbox"/> Known Mutation Analysis	Blood ^{EDTA}	<input type="checkbox"/> Treponema Pallidum DNA PCR	Urine, Swap, Thin Prep
<input type="checkbox"/> Leber's Hereditary Optic Neuropathy-mtDNA NADH Mutation Analysis (12 Mutations)	Blood ^{EDTA}	<input type="checkbox"/> Trichomonas Vaginalis DNA PCR	Swap, Thin Prep
<input type="checkbox"/> Marfan Syndrome Type 1 - FBN1 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Varicella Zoster Virus (VZV) DNA PCR	A.F., CSF, Blood ^{EDTA}
<input type="checkbox"/> Myotonic Dystrophy Type 1 - DMPK CTG Repeat Genetic Analysis	Blood ^{EDTA}	CARDIOVASCULAR RISK TESTS	
<input type="checkbox"/> Nephrotic Syndrome Type 1&2 - NPHS1 and NPHS2 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> ACE I/D Genotyping	Blood ^{EDTA}
<input type="checkbox"/> Neurofibromatosis Type 1, 2 - NF1, NF2 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> APO B R3500Q Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Non-Syndromic Hearing Loss Panel	Blood ^{EDTA}	<input type="checkbox"/> APO-E Genotyping (E2, E3, E4)	Blood ^{EDTA}
<input type="checkbox"/> Noonan Syndrome - PTPN11 (PTP2) Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Beta Fibrinogen -455 G>A Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Osteogenesis Imperfecta Types 1, 2A, 3, 4 - COL1A1 and COL1A2 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Factor V HI299R Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Phenylketonuria (PKU) - PAH Mutation Analysis	Blood ^{EDTA}	<input type="checkbox"/> Factor V Leiden G1691A Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Polycystic Kidney Disease (AR) - PKHD1 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Factor XIII V34L Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Retinal Degeneration/Dystrophy Gene Panel	Blood ^{EDTA}	<input type="checkbox"/> HPA-I a/b Genotyping	Blood ^{EDTA}
<input type="checkbox"/> Rett Syndrome - MECP2 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> MTHFR A1298C Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Spinal Muscular Atrophy (SMA) - SMN1 Deletion Analysis (7,8)	Blood ^{EDTA}	<input type="checkbox"/> MTHFR C677T Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Thyroid Hormone Resistance - THRB Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> PAI 4G/5G Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Trio Exome Sequence Analysis (TRIO WES) (Please request detailed consent form)	Blood ^{EDTA}	<input type="checkbox"/> Prothrombin G20210A (Factor II) Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Tuberous Sclerosis Type 1, 2 - TSC1 & TSC2 Gene Analysis	Blood ^{EDTA}	ONCOLOGY TESTS	
<input type="checkbox"/> Ventricular Tachycardia-CASQ2 Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Adenomatous Colon Polyposis-APC Gene Analysis	Blood ^{EDTA}
<input type="checkbox"/> Von Hippel Lindau Syndrome - VHL Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> BRAF V600A, V600D, V600E, V600KRM Mutation Analysis	Blood ^{EDTA}
<input type="checkbox"/> Whole Exome Sequence Analysis (WES) (Please request detailed consent form)	Blood ^{EDTA}	<input type="checkbox"/> Breast-Over Ca. (BRCA1 BRCA2) Panel	Blood ^{EDTA}
<input type="checkbox"/> Whole Genome Sequence Analysis (WGS) (Please request detailed consent form)	Blood ^{EDTA}	<input type="checkbox"/> Breast-Over Ca. Comprehensive Panel (23 Genes)	Blood ^{EDTA}
<input type="checkbox"/> Whole Mitochondrial DNA Sequence Analysis	Blood ^{EDTA}	<input type="checkbox"/> Cancer Genetics Panel (94 Genes)	Blood ^{EDTA}
<input type="checkbox"/> Wilson's Disease-ATP7B Gene Analysis	Blood ^{EDTA}	<input type="checkbox"/> Colon Ca Panel (MLH1, MSH2, MSH6, PMS2)	Blood ^{EDTA}
CYTOGENETIC/MOLECULAR CYTOGENETIC TESTS		<input type="checkbox"/> EGFR Mutation Analysis (Exon 18-21)	Tissue, Paraffin Block
<input type="checkbox"/> Angelman Syndrome (del 15q11-q13) FISH Analysis	Blood ^{HEP}	<input type="checkbox"/> EML4/ALK FISH Analysis (Non-Small Cell Lung Ca)	Tissue, Paraffin Block
<input type="checkbox"/> ARRAY CGH (Molecular Karyotyping)	A.F., CVS, Abort, Blood ^{HEP} , Bone Marrow, Blood ^{HEP}	<input type="checkbox"/> HER2/NEU (17q11-q12) FISH Analysis	Tissue, Paraffin Block
<input type="checkbox"/> Chimerism FISH	A.F., CVS, Abort, Blood ^{HEP}	<input type="checkbox"/> HNPCC - Microsatellite Instability Analysis (MSI)	Blood ^{EDTA}
<input type="checkbox"/> Chromosome Analysis	A.F., CVS, Abort, Blood ^{HEP}	<input type="checkbox"/> KRAS (CODON 12, 13, 59, 61, 117, 146) Mutation Analysis	Tissue, Paraffin Block
<input type="checkbox"/> DEB Test - Fanconi Anemia	Blood ^{HEP}	<input type="checkbox"/> Li Fraumeni Syndrome Type 1-TP53 Gene Analysis	Blood ^{EDTA}
<input type="checkbox"/> DiGeorge / VCF Syndrome FISH Analysis	Blood ^{HEP}	<input type="checkbox"/> NRAS (CODON 12, 13, 59, 61, 117, 146) Mutation Analysis	Tissue, Paraffin Block
<input type="checkbox"/> FISH Analysis of Cri-Du-Chat Syndrome (del 5p15.2)	Blood ^{HEP}	<input type="checkbox"/> PD-L1 Test	Tissue, Paraffin Block
<input type="checkbox"/> Prader-Willi / Angelman Syndrome FISH Analysis	Blood ^{HEP}	<input type="checkbox"/> PTEN Gene Analysis	Blood ^{EDTA}
<input type="checkbox"/> Rapid Aneuploidy FISH (Chromosomes 13, 18, 21, X and Y)	A.F., CVS, Abort, Blood ^{HEP}	<input type="checkbox"/> RET Protooncogene (Exon 10, 11, 13, 14, 16) Sequence Analysis	Blood ^{EDTA}
<input type="checkbox"/> Williams Syndrome (del 7q11.23) FISH Analysis	Blood ^{HEP}	<input type="checkbox"/> ROS1 (6q22) FISH Analysis	Tissue, Paraffin Block
Kavacak District, Ekinçiler Street No: 19 Beykoz 34810/Istanbul/Turkey		Web : medigen.medipol.edu.tr e-mail : genetik@medipol.edu.tr	Tel : 0216 681 15 15