SAPIENS

ONCOLOGY TEST REQUEST FORM

PROTOCOL NO / BARCODE:

PATIENT:		**PHYSICIAN:**
Name and surname:		**Name and surname:**
Gender: F ☐ M☐ **Date of birth:**		**Phone number:** **E-mail:**
Mother name:	**Father name:**	
ID number: **E-mail:** **Phone number:** **Address:**		**Institution:** **Stamp:** **Date of Receipt:** **Time:** Peripheral Blood ☐ Liquid Biopsy Material ☐ Bone Marrow ☐ Tissue ☐ FFPE/Paraffin Block ☐ Fresh Tissue ☐ Other ☐

CLINICAL INFORMATION:

(If necessary, use new paper or attach the epicrisis printout and other necessary documents to the request sheet)

IMPORTANT NOTE:

- Genetic tests are subject to approval. It is a legal requirement to obtain the consent of the patient and his/her guardian for those under 18.
- You can access the all forms at https://www.sapiensgenetics.com/guides-forms/ or request them from our center.
- It is recommended that genetic examinations be carried out with genetic counseling before and after the test. For this purpose, you can make an appointment at our center.

ÖZEL SG GENETİK HASTALIKLAR DEĞERLENDİRME MERKEZİ
ESKİ BÜYÜKDERE CAD. İZ PLAZA GİZ Nº9 KAT 2 Nº6
34398 MASLAK, İSTANBUL TR
T +90 212 276 01 66
F +90 212 276 01 56
www.sapiens.com.tr
info@sapiens.com.tr

MOLECULAR GENETIC ONCOLOGY TEST PANELS

☐ **Lung Cancer Somatic Profiling Test - Lung Insight (Fusion, SNV)** *Included are ALK, BRAF, ERBB2, FGFR1, FGFR2, FGFR3, KRAS, NTRK1, NTRK2, NTRK3, NRG1, PIK3CA, RET, ROS1, MET, NUTM, PD-L (IHC).*	☐ **Sarcoma NGS Panel 63 gene fusion and SNV-Indel analysis** *The Archer® FusionPlex® Sarcoma Panel is a next-generation sequencing panel developed to simultaneously detect and identify fusions of 26 genes associated with soft tissue cancers. Fusion, Splicing, Exon Skipping Genes Screened: ALK,FOXO1,MKL2,SS18,USP6,YWHAE ,*
☐ **Hereditary Cancer Panel - Familial Cancer Syndromes (59 Genes)** *Sophia Hereditary Cancer Panel is a next-generation sequencing panel designed to detect SNV/Indel in 59 genes associated with hereditary cancer syndromes. Panel gene content: APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDK4, CDKN2A, CHEK2, DDB2, EPCAM, ERCC2, ERCC3, ERCC4, ERCC5, FANCA, FANCC, FH, FLCN, GALNT12, HDAC2, HOXB13, MEN1, MET, MITF, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NF2, NTHL1, PALB2, PMS2, POLD1, POLE, POLH, PTCH1, PTEN, RAD51C, RAD51D, RB1, RET, SMAD4, NGO11, TCS2, TP53, TSC1, VHL, WT1, XPA, XPC*	☐ **Solid Tumor Panel (67 Genes)** *The Archer® FusionPlex® Solid Tumor Panel is a next-generation sequencing panel designed to simultaneously detect fusions and other mutations of more than 50 genes associated with a variety of carcinomas. SNV /Indel Genes studied: BRAF, PDGFRA. Fusion, Splicing, Exon Skipping Genes Scanned: AKT3, ALK, ARHGAP26, AXL, BRAF, BRD3, BRD4, EGFR, ERG, ESR1, ETV1, ETV4, ETV5, ETV6, EWSR1, FGFR1, FGFR2, FGFR3, FGR, INSR, MAML2 , MAST1, MAST2, MET, MSMB, MUSK, MYB, NOTHC1, NOTCH2, NRG1, NTRK1, NTRK2, NTRK3, NUMBL, NUTM1, PDGFRA, PDGFRB, PIK3CA, PKN1, PPARG, PRKCA, PRKCB, RAF1, RELA, RET, ROS1 , RSPO2, RSPO3, TERT, TFE3, TFEB, THADA, TMPRSS2*
☐ **Pancancer NGS panel 137 gene fusion and SNV-Indel analysis** *ACVR2A, AKT1, AKT2, ALK, AR, ARHGAP26, ARHGAP6, AXL,BCOR,BRAF, BRD3,BRD4, CAMTA1,CCNB3,CCND1, CD274,CIC,CRTC1,CSF1,CSF1R, CTNNB1,DNAJB1,EGF,EGFR,EPC1, ETV1,ETV4, ETV5,ETV6,EWSR1,FGF1,FGFR1,FGFR2,FGFR3, FGR,FOS, ERBB2,ERBB4,ERG,ESR1,ESRRA, IGF1R,INSR, JAK2, JAK3,JAZF1,KIT, KRAS, MAML2,MAP2K1, MAST1,MAST2, MBTD1,MDM2,MEAF6,MET,MGEA5,MKL2,MN1,MSMB,MUSK,MYB,MYBL1, MYC,MYOD1,NCOA1,NCOA2,NCOA3,NFATC2, NFE2L2, NFIB, NOTCH1, NOTCH2, NR4A3, NR4A3, NRAS,NRG1,NTRK1,NTRK2,NTRK3,NUMBL, NUTM1,PAX3,PAX8,PDGFB,PDGFD,PDGFRA,PDGFRB,PHF1,HKB,PIK3CA, PKN1,PLAG1, PPARG, PRDM10,PRKACA,PRKACB,PRKCA,PRKCB, PRKCD, RKD1,PRKD2,PRKD3, RAD51B, RAF1,RELA,RET,ROS1,RSPO2, RSPO3,SS18,SS18L1,STAT6,TAF15,TCF12,TERT,TFE3,TFEB,TFG, TFG,THADA, TMPRSS2,USP6, VGLL2,WWTR1, YAP1,YAP1,YWHAE*	☐ **Thyroid Cancer Somatic Biomarker Test** *The Archer® FusionPlex® Comprehensive Thyroid & Lung (CTL) Panel is a next-generation sequencing panel designed to detect fusions, point mutations, and expression levels in 36 genes associated with lung and thyroid cancers. SNV /Indel Genes studied: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2, FGFR1, GNAS, HRAS, IDH1-2, KRAS, MAP2K1, NRAS, PIK3CA, RET, ROS1. Genes Expression Analyzed: ALK, AXL, BRAF, CALCA, CCND1, EGFR, FGFR1, FGFR2, FGFR3, KRT7, KRT20, MET, NTRK1-2-3, PTH, RET, ROS1, SLC5A5, THADA, TTF1. Fusion, Splicing, Exon Skipping Genes Screened: ALK, AXL, BRAF, CCND1, EGFR, FGFR1-2-3, MET, NRG1, NTRK1-2-3, PPARG, RAF1, RET, ROS1, THADA.*
☐ **Central Nervous System Tumors Somatic Fusion Biomarker Testing** *FGFR1, FGFR2, FGFR3, NTRK1, NTRK2, NTRK3, BCOR, BRAF, MN, MYB, RELA*	☐ **Homologous Recombination Defect Somatic Analysis - 16 genes** *Sophia Homologous Recombination Defect Panel is a new generation sequencing panel designed to detect SNV and In/del in 16 genes associated with many malignancies, especially breast and ovarian cancers. Panel gene content: ATM, BARD1, BRCA1, BRCA2, BRIP1, CDK12, CHEK1, CHEK2, FANCL, PALB2, PPP2R2A, RAD51B, RAD51C, RAD51D, RAD54L, TP53*
☐ **Cancer Insight / Solid Tumor NGS Panel - (137 Genes - SNV/Indel)**	☐ **Comprehensive Cancer Profiling (523 GENES + MSI + TMB) (PDL1 requested separately) Tso500**
☐ **Oncotype Dx**	

ÖZEL SG GENETİK HASTALIKLAR DEĞERLENDİRME MERKEZİ
ESKİ BÜYÜKDERE CAD. İZ PLAZA GİZ Nº9 KAT 2 Nº6
34398 MASLAK, İSTANBUL TR
T +90 212 276 01 66
F +90 212 276 01 56
www.sapiens.com.tr
info@sapiens.com.tr

MOLECULAR GENETIC ONCOLOGY TESTS	
☐ BRCA 1-2 Sequence Analysis (Germline - Peripheral Blood)	☐ HRD Focus - Genomic Scar Score
☐ BRCA 1-2 Somatic Mutation Analysis (Tissue)	☐ IDH1 Gene Exon 4 Sequence Analysis (Oncology)
☐ BRCA1 Deletion Duplication Analysis (MLPA)	☐ IDH2 Gene Exon 4 Sequence Analysis
☐ BRCA2 Deletion Duplication Analysis (MLPA)	☐ MDR1 Mutation Analysis
☐ Digital Droplet PCR - EGFR T790M mutation	☐ MET Exon 14 skipping
☐ E-Cadherine (CDH1 Gene Sequence Analysis)	☐ MGMT Gene Methylation Analysis
☐ Peutz-Jeghers Syndrome Screening -1 (STK11)	☐ Microsatellite instability (MSI)
☐ POLE Gene Exon 9-14 Sequence Analysis	☐ Neurofibromatosis 1 - NF1 Sequence Analysis
☐ PTEN Gene Sequence Analysis	☐ Neurofibromatosis 2 - NF2 Sequence Analysis
☐ Chromosome analysis from solid tissue	☐ BRAF V600 PCR - /K/R/D Somatic Mutations
☐ CALR Exon 9 Sequence Analysis	☐ AR-V7 Genetic Test
☐ CKIT Gene Sequence Analysis	☐ PCA3
☐ HRAS Gene Sequence Analysis	☐ MSI IHC (Pathology)
☐ HER2 IHC (Pathology)	☐ PDL1 IHC (Biocare CAL 10 Pathology)
☐ PCR - EGFR exon 18-21 Somatic Mutations	☐ PCR - NRAS exon 2-3-4 Somatic Mutations
☐ PCR - HER2 Point Mutations	☐ PCR - PIK3CA Somatic Mutations
☐ PCR - KRAS exon 2-3-4 Somatic Mutations	☐ PCR - RET Fusions
MOLECULAR CYTOGENETICS- FISH TESTS	
☐ FISH - (6q25) RREB1Amplifications	☐ FISH - FOXO1 Fusion Mutations
☐ FISH - 19q Deletion	☐ FISH - HER2/NEU/TopoIIa
☐ FISH - 1p Deletion	☐ FISH - IGH/MALT1 Fusion
☐ FISH - 1p/19q Deletion	☐ FISH - FGFR1 Amplifications
☐ FISH - 2p23 (ALK) rearrangements	☐ FISH - MET Amplifications
☐ FISH - 2p24 (MYCN) Amplifications	☐ FISH - NTRK Fusions
☐ FISH - BRAF amplifications	☐ FISH - PTEN Deletion Analysis
☐ FISH - EGFR Amplifications	☐ FISH - ROS1 Amplifications
☐ FISH - Bladder cancer genetic screening (UROVYSION: cep3,7,17, 9p21del))	

***For tests and research projects not listed here, please contact us.**
international@sapiens.com.tr

ÖZEL SG GENETİK HASTALIKLAR DEĞERLENDİRME MERKEZİ
ESKİ BÜYÜKDERE CAD. İZ PLAZA GİZ N°9 KAT 2 N°6
34398 MASLAK, İSTANBUL TR
T +90 212 276 01 66
F +90 212 276 01 56
www.sapiens.com.tr
info@sapiens.com.tr