



UCSF Clinical Cancer Genomics Laboratory (CCGL)
 2340 Sutter Street, Room S151
 San Francisco, CA 94143
 Phone: (415) 502-3252
 Fax: (415) 502-2773
CCGL@ucsf.edu (please send email confirmation of orders)

| UCSF500 Cancer Gene Panel Requisition Form | | | | | Ordering Date: |
|---|---|--|---|---|---|
| <p>This test sequences the full coding region of 529 cancer genes, as well as select introns of 47 genes, and requires two specimens: tumor specimen (>25% neoplastic cells), normal (non-lesional) specimen.</p> <p>For testing of UCSF Pathology/Cytology cases, please load requisition and patient consent forms into ApeX scanned clin docs and send by email to CCGL@ucsf.edu.</p> <p>For testing of outside (non-UCSF) tumor specimens, please mail requisition, patient consent and specimens to the address above.</p> <p><input type="checkbox"/> I have reviewed the "Informed Consent for UCSF500" slide set on consenting (can be requested from CCGL@ucsf.edu)</p> <p><input type="checkbox"/> A normal specimen has been collected (include specimen information below)</p> <p><input type="checkbox"/> We only accept isolated or extracted nucleic acids that are extracted or isolated in a CLIA-certified laboratory or a laboratory meeting equivalent requirements as determined by the CAP and/or the CMS.</p> | | | | | |
| PATIENT INFORMATION | | | | | |
| Last name: | First name: | Middle initial: | Date of Birth: | Medical Record Number: | Patient Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female |
| Patient Street Address, City, State, Zip code: | | | | | |
| ORDERING PROVIDER INFORMATION | | | | | |
| Office/Practice/Institution Name: | Ordering Provider Name: | NPI #: | Provider phone no.: | | |
| | | | Provider fax no.: | | |
| Practice Street Address, City, State, Zip code: | | | | | |
| MEDICAL INDICATION FOR TEST ORDER | | | | | |
| Diagnosis: | | | | ICD10 Code(s) required for medical necessity: | |
| Treatment prior to specimen collection: | | | | | |
| Reason for ordering the test: | | | | | |
| Any history of transplantation?: <input type="checkbox"/> Yes | | Date of transplant: | | Tissue site: | |
| SPECIMEN INFORMATION | | | | | |
| TUMOR | Pathology Case #: | Primary Tumor Site: | Specimen Site: <input type="checkbox"/> Primary <input type="checkbox"/> Metastasis | Diagnosis: | |
| NORMAL | Specimen Type: <input type="checkbox"/> Blood <input type="checkbox"/> Buccal swab <input type="checkbox"/> Skin biopsy <input type="checkbox"/> N/A (Tumor Only) | Collection date: | <i>(Please include patient's address if requesting CCGL to send out buccal swab kit.)</i> | | |
| BILLING INFORMATION (CPT CODE: 81455 & G0452) | | | | | |
| INTERNAL (UCSF) (CHECK ONE BOX) | <input type="checkbox"/> UCSF outpatient within 30 days of outpatient procedure or UCSF inpatient within 14 days of inpatient discharge | <input type="checkbox"/> Insurance Authorization required and approved <input type="checkbox"/> No Insurance Authorization required | <input type="checkbox"/> Institutional Billing Phone #: _____ Address: _____ | <input type="checkbox"/> Self-pay confirmed with patient <i>Please request current pricing</i> | <input type="checkbox"/> Research account, please provide ZZ #: _____ |
| EXTERNAL (OUTSIDE INSTITUTION) | <input type="checkbox"/> Self-pay confirmed with patient <i>Please request current pricing</i> | | <input type="checkbox"/> Institutional Billing Phone #: _____ Address: _____ | | |

Complete the entire requisition to ensure prompt processing of test. Incomplete requisitions will not be processed, and will be placed on hold.

UCSF500 (Version 3) Gene List

| | | | | | | | | | | |
|----------|----------|---------|---------|----------|----------|----------|---------|--------|---------|---------|
| ABCB11 | ABCB4 | ABL1 | ABL2 | ACVR1 | ACVR1B | AIP | AJUBA | AKT1 | AKT2 | AKT3 |
| ALK | AMER1 | APC | AR | ARAF | ARFRP1 | ARHGAP35 | ARID1A | ARID1B | ARID2 | ARID5B |
| ASH2L | ASXL1 | ASXL2 | ATF1 | ATM | ATP6AP1 | ATP8B1 | ATR | ATRX | AURKA | AURKB |
| AXIN1 | AXIN2 | AXL | BAP1 | BARD1 | BCL2 | BCL2L1 | BCL2L2 | BCL6 | BCOR | BCORL1 |
| BEND2 | BIRC5 | BLM | BMPR1A | BRAF | BRCA1 | BRCA2 | BRD4 | BRIP1 | BTG1 | BTK |
| C11orf30 | C11orf95 | CALR | CAMTA1 | CARD11 | CASP8 | CASR | CBFB | CBL | CCND1 | CCND2 |
| CCND3 | CCNE1 | CD274 | CD79A | CD79B | CDC42 | CDC73 | CDH1 | CDK12 | CDK4 | CDK6 |
| CDK8 | CDKN1A | CDKN1B | CDKN1C | CDKN2A | CDKN2B | CDKN2C | CEBPA | CHD1 | CHD2 | CHD4 |
| CHD5 | CHEK1 | CHEK2 | CIC | CLDN18 | CNOT3 | COL1A1 | COL2A1 | CRCT1 | CREB1 | CREBBP |
| CRKL | CRLF2 | CSF1R | CSF3R | CTCF | CTNNA1 | CTNNB1 | CUL3 | CUX1 | CXCR4 | CYLD |
| CYSLTR2 | DAXX | DCC | DDIT3 | DDR1 | DDR2 | DDX31 | DDX3X | DDX41 | DICER1 | DIS3 |
| DIS3L2 | DNAJB1 | DNMT1 | DNMT3A | DOT1L | DROSHA | DUSP2 | DUSP4 | EBF1 | EED | EGFR |
| EIF1AX | ELANE | ELF3 | EP300 | EPCAM | EPHA3 | EPHA5 | EPHA7 | EPHB1 | EPHB4 | EPOR |
| ERBB2 | ERBB3 | ERBB4 | ERCC2 | ERG | ERRF1 | ESR1 | ESR2 | ETNK1 | ETS1 | ETV3 |
| ETV6 | EWSR1 | EZH1 | EZH2 | FAM46C | FAM5C | FANCA | FANCC | FANCE | FANCF | FANCG |
| FANCL | FAT1 | FAT3 | FBXW7 | FGF10 | FGF14 | FGF19 | FGF23 | FGF3 | FGF4 | FGF6 |
| FGFR1 | FGFR2 | FGFR3 | FGFR4 | FH | FLCN | FLT1 | FLT3 | FLT4 | FOS | FOSB |
| FOXA1 | FOXL2 | FOXO1 | FOXP1 | FOXR2 | FRK | FRS2 | FUBP1 | FUS | FYN | GAB2 |
| GALNT12 | GATA1 | GATA2 | GATA3 | GF11 | GF1B | GLI1 | GLI2 | GLMN | GNA11 | GNA13 |
| GNA14 | GNAQ | GNAS | GPC3 | GPR124 | GREM1 | GRIN2A | GRM3 | GSK3B | H3F3A | H3F3B |
| HDAC4 | HEY1 | HGF | HIF1A | HIST1H3B | HIST1H3C | HMGA2 | HNF1A | HNRNPK | HOXB13 | HRAS |
| HSP90AB1 | HTRA1 | ID3 | IDH1 | IDH2 | IGF1R | IGF2 | IGF2BP3 | IGF2R | IKBKE | IKZF1 |
| IKZF2 | IKZF3 | IL6ST | IL7R | INHBA | INPP4B | IPMK | IRF4 | IRS2 | JAK1 | JAK2 |
| JAK3 | JAZF1 | KAT6A | KBTBD4 | KDM5A | KDM5C | KDM6A | KDR | KEAP1 | KIT | KLF4 |
| KLHL6 | KMT2A | KMT2B | KMT2C | KMT2D | KNSTRN | KRAS | KRIT1 | LARP4B | LEF1 | LRP1B |
| LUC7L2 | LZTR1 | MAML2 | MAML3 | MAP2K1 | MAP2K2 | MAP2K4 | MAP3K1 | MAP3K2 | MAP3K5 | MAP3K7 |
| MAP3K8 | MAP3K9 | MAPK1 | MAX | MCL1 | MDM2 | MDM4 | MED12 | MEF2B | MEN1 | MET |
| MGA | MGEA5 | MGMT | MITF | MLH1 | MLH3 | MN1 | MPL | MRE11A | MSH2 | MSH3 |
| MSH6 | MT-ND5 | MTOR | MUTYH | MYB | MYBL1 | MYC | MYCL | MYCN | MYD88 | MYH9 |
| MYOD1 | NAV3 | NBN | NCOA2 | NCOA3 | NCOR1 | NF1 | NF2 | NFE2L2 | NFKBIA | NFKBIE |
| NIPBL | NKX2-1 | NOTCH1 | NOTCH2 | NOTCH3 | NPM1 | NR4A3 | NRAS | NRG1 | NRIP1 | NSD1 |
| NT5C2 | NTHL1 | NTRK1 | NTRK2 | NTRK3 | NUP93 | NUTM1 | OTX2 | PAK1 | PAK3 | PALB2 |
| PARK2 | PAX3 | PAX5 | PAX7 | PAX8 | PBRM1 | PDCD1LG2 | PDGFB | PDGFRA | PDGFRB | PDK1 |
| PDPK1 | PHF6 | PHOX2B | PIK3CA | PIK3CG | PIK3R1 | PIK3R2 | PLAG1 | PLCB4 | PMS1 | PMS2 |
| POLD1 | POLE | POLR2A | POT1 | PPARG | PPM1D | PPP2R1A | PPP6C | PRDM1 | PREX2 | PRKACA |
| PRKAR1A | PRKCA | PRKDC | PRPF40B | PRPF8 | PTCH1 | PTCH2 | PTEN | PTPN1 | PTPN11 | PTPRB |
| PTPRD | PTPRK | PTPRT | RAC1 | RAD21 | RAD50 | RAD51 | RAD51C | RAD51D | RAF1 | RARA |
| RASA1 | RASA2 | RB1 | RBM10 | RECQL4 | REL | RELA | RET | RHEB | RHOA | RICTOR |
| RIT1 | RNF43 | ROBO1 | ROS1 | RPTOR | RRAGC | RRAS | RRAS2 | RSPO2 | RSPO3 | RUNX1 |
| RUNX1T1 | SAMD9 | SAMD9L | SDHA | SDHAF2 | SDHB | SDHC | SDHD | SETBP1 | SETD2 | SF1 |
| SF3A1 | SF3B1 | SH2B3 | SHH | SIN3A | SLIT2 | SMAD2 | SMAD3 | SMAD4 | SMARCA2 | SMARCA4 |
| SMARCAL1 | SMARCB1 | SMARCE1 | SMC1A | SMC3 | SMO | SNCAIP | SOCS1 | SOS1 | SOS2 | SOX10 |
| SOX2 | SOX9 | SPEN | SPOP | SPRED1 | SPRY2 | SPTA1 | SRC | SRSF2 | SS18 | STAG2 |
| STAT3 | STAT4 | STAT6 | STK11 | SUFU | SUZ12 | SYK | T | TBX3 | TCEB1 | TCF12 |
| TCF7L2 | TEK | TERC | TERT | TET2 | TFE3 | TFEB | TGFB2 | THADA | TMEM127 | TMPRSS2 |
| TNFAIP3 | TNFRSF14 | TOP1 | TOP2A | TP53 | TRAF3 | TRAF7 | TSC1 | TSC2 | TSHR | TTYH1 |
| TYK2 | U2AF1 | U2AF2 | USP6 | VEGFA | VHL | WHSC1 | WISP3 | WRN | WT1 | WWTR1 |
| XBP1 | XPO1 | YAP1 | YWHAE | ZBTB20 | ZFH3 | ZFH4 | ZFPM1 | ZMYM3 | ZNF217 | ZNF703 |
| ZRSR2 | | | | | | | | | | |

UCSF500 (Version 3) Structural Rearrangement List

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|---------|-------|--------|-------|-------|--------|----------|--------|-------|-------|--------|
| ALK | ATF1 | BEND2 | BRAF | BRCA1 | BRCA2 | C11orf95 | C19MC | CBFB | CIC | CLDN18 |
| CRLF2 | DDIT3 | DNAJB1 | EGFR | ETV3 | ETV6 | EWSR1 | FGFR1 | FGFR2 | FGFR3 | FOS |
| FOSB | FOXO1 | FOXR2 | FUS | GFI1 | GFI1B | HTRA1 | JAK2 | JAZF1 | KMT2A | MAP3K8 |
| MET | MGEA5 | MN1 | MSH2 | MYB | MYBL1 | MYC | NCOA2 | NR4A3 | NRG1 | NTRK1 |
| NTRK2 | NTRK3 | NUTM1 | PAX8 | PDGFB | PDGFRB | PLAG1 | PRKACA | PRKCA | RAF1 | RELA |
| RET | ROS1 | RSPO2 | RSPO3 | RUNX1 | SNCAIP | SS18 | STAT6 | TERT | TFE3 | TFEB |
| TMPRSS2 | TP53 | TTYH1 | USP6 | WWTR1 | YAP1 | YWHAE | | | | |