



UCSF Clinical Cancer Genomics Laboratory (CCGL)
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UCSF 500 Cancer Gene Panel Requisition Form					Ordering Date:
<p>This test sequences the full coding region of ~480 cancer genes, and requires two specimens: tumor specimen (>25% neoplastic cells), normal (non-lesional) specimen. 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. 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>					
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 <i>(CPT CODE: 81479 & G0452)</i>					
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 Gene List

ABL1	ABL2	ACVR1	ACVR1B	AJUBA	AKT1	AKT2	AKT3	<u>ALK</u>	AMER1	APC
APOBEC3G	AR	ARAF	ARFRP1	ARHGAP35	ARID1A	ARID1B	ARID2	ARID5B	ASH2L	ASXL1
ASXL2	<u>ATF1</u>	ATM	ATR	ATRX	AURKA	AURKB	AXIN1	AXIN2	AXL	BAP1
BARD1	BCL2	BCL2A1	BCL2L1	BCL2L12	BCL2L2	BCL6	BCOR	BCORL1	BLM	<u>BRAF</u>
BRCA1	BRCA2	BRD4	BRIP1	BTG1	BTK	C11orf30	CALR	CARD11	<u>CBFB</u>	CBL
CBLB	CCND1	CCND2	CCND3	CCNE1	CD274	CD79A	CD79B	CDC42	CDC73	CDH1
CDK12	CDK4	CDK6	CDK8	CDKN1A	CDKN1B	CDKN2A	CDKN2B	CDKN2C	CEBPA	CHD1
CHD2	CHD4	CHD5	CHEK1	CHEK2	<u>CIC</u>	<u>CLDN18</u>	CNOT3	COL1A1	COL2A1	CRCT1
CREB1	CREBBP	CRKL	CSF1R	CSF3R	CTCF	CTNNA1	CTNNB1	CUL3	CUX1	CXCR4
CYLD	DCC	<u>DDIT3</u>	DDR2	DDX3X	DDX41	DGKH	DICER1	DIS3	<u>DNAJB1</u>	DNMT3A
DOT1L	DUSP2	DUSP4	DUSP6	DYNC111	EBF1	EDNRB	EGFR	EGR1	EIF1AX	ELF3
EP300	EPCAM	EPHA2	EPHA3	EPHA5	EPHA7	EPHB1	EPOR	ERBB2	ERBB3	ERBB4
ERCC1	ERCC2	ERG	ERRFI1	ESPL1	ESR1	ESR2	ETS1	<u>ETV6</u>	<u>EWSR1</u>	EZH1
EZH2	FAM46C	FANCA	FANCC	FANCE	FANCF	FANCG	FANCL	FAT1	FAT3	FBXW7
FGF10	FGF14	FGF19	FGF23	FGF3	FGF4	FGF6	<u>FGFR1</u>	<u>FGFR2</u>	<u>FGFR3</u>	FGFR4
FH	FLCN	FLT1	FLT3	FLT4	FOXA1	FOXL2	<u>FOXO1</u>	FOXP1	FRS2	FUBP1
<u>FUS</u>	FYN	GAB2	GATA1	GATA2	GATA3	GLI1	GLI2	GNA11	GNA13	GNAQ
GNAS	GPC3	GPR124	GRIN2A	GRM3	GSK3B	H3F3A	H3F3B	HDAC4	HDAC9	HEY1
HGF	HIF1A	HIST1H3B	HMGA2	HNF1A	HOXB13	HRAS	HSP90AB1	HSPA2	HSPA5	ID3
IDH1	IDH2	IGF1R	IGF2	IGF2R	IKBKE	IKZF1	IKZF2	IKZF3	IL2RB	IL7R
INHBA	INPP4B	IPMK	IRF4	IRS2	JAK1	<u>JAK2</u>	JAK3	<u>JAZF1</u>	KAT6A	KDM5A
KDM5C	KDM6A	KDR	KEAP1	KIT	KLF4	KLHL6	<u>KMT2A</u>	KMT2B	KMT2D	KNSTRN
KRAS	LEF1	LIFR	LRP1B	LZTR1	MALAT1	MAML2	MAP2K1	MAP2K2	MAP2K4	MAP3K1
MAP3K2	MAP3K5	MAP3K7	MAP3K9	MAPK1	MCL1	MDM2	MDM4	MED12	MEF2B	MEN1
<u>MET</u>	MGA	MGMT	MITF	MLH1	MLH3	MPL	MRE11A	MSH2	MSH3	MSH6
MTOR	MUTYH	<u>MYB</u>	<u>MYBL1</u>	<u>MYC</u>	MYCL	MYCN	MYD88	MYH9	NAV3	NBN
NCKAP5	NCOA2	NCOA3	NCOR1	NF1	NF2	NFE2L2	NFKBIA	NFKBIE	NIPBL	NKX2-1
NOTCH1	NOTCH3	NPM1	NRAS	NSD1	NT5C2	<u>NTRK1</u>	<u>NTRK2</u>	<u>NTRK3</u>	NUP93	<u>NUTM1</u>
OR5L1	PAK1	PAK3	PALB2	PARK2	PAX3	PAX5	PAX7	<u>PAX8</u>	PBRM1	PDCD1LG2
<u>PDGFB</u>	PDGFRA	<u>PDGFRB</u>	PDK1	PHF6	PHOX2B	PIK3CA	PIK3CG	PIK3R1	PIK3R2	PLAG1
PLCB4	PMS1	POLD1	POLE	POLQ	POT1	POU3F2	PPM1D	PPP2R1A	PPP6C	PRDM1
PREX2	<u>PRKACA</u>	PRKAG2	PRKAR1A	<u>PRKCA</u>	PRKCH	PRKDC	PTCH1	PTCH2	PTEN	PTK2B
PTPN1	PTPN11	PTPRB	PTPRD	PTPRK	PTPRT	RAC1	RAD21	RAD50	RAD51	RAD51C
RAD51D	<u>RAF1</u>	RARA	RASA1	RASA2	RB1	RBM10	REL	<u>RELA</u>	<u>RET</u>	RHEB
RHOA	RICTOR	RIT1	RNF43	ROBO1	<u>ROS1</u>	RPL10	RPTOR	RRAGC	RRAS	RRAS2
<u>RSPO2</u>	<u>RSPO3</u>	<u>RUNX1</u>	RUNX1T1	SDHB	SDHD	SETBP1	SETD2	SF3B1	SH2B3	SHH
SIN3A	SLIT2	SLITRK6	SMAD2	SMAD3	SMAD4	SMARCA2	SMARCA4	SMARCB1	SMC1A	SMC3
SMO	SNCAIP	SOCS1	SOS1	SOS2	SOX10	SOX2	SOX9	SPEN	SPOP	SPRED1
SPRY1	SPRY2	SPRY4	SPTA1	SRC	SRSF2	<u>SS18</u>	STAG2	STAT3	STAT4	<u>STAT6</u>
STK11	SUFU	SYK	SYNE1	TADA1	TBX3	TCEB1	TCF7L2	<u>TERT</u>	TET2	<u>TFE3</u>
<u>TFEB</u>	TGFBR2	TLR4	<u>TMPRSS2</u>	TNFAIP3	TNFRSF14	TOP1	TOP2A	<u>TP53</u>	TRAF3	TRAF7
TRIM28	TSC1	TSC2	TSHR	TSHZ2	TSHZ3	TSLP	TTYH1	TYK2	U2AF1	<u>USP6</u>
USP7	VEGFA	VHL	WHSC1	WISP3	WRN	WT1	XBP1	XPO1	YAP1	<u>YWHAE</u>
ZBTB20	ZFH3	ZFH4	ZMYM3	ZNF217	ZNF703	ZRSR2				

* Underlined genes have selected introns sequenced for structural variant detection or other non-coding variants.