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<b>UCSF 500 Cancer Gene Panel</b>					<b>Ordering Date:</b>
<p>This test sequences the full coding region of ~480 cancer genes, and requires two specimens: tumor specimen (&gt;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 <b>email</b> to <a href="mailto:CCGL@ucsf.edu">CCGL@ucsf.edu</a>. 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 <a href="mailto:CCGL@ucsf.edu">CCGL@ucsf.edu</a>)</p> <p><input type="checkbox"/> A normal specimen has been collected (include specimen information below)</p>					
<b>PATIENT INFORMATION</b>					
Last name:	First name:	Middle initial:	Birth date:	Medical Record Number:	Patient Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
Patient Street Address, City, State, Zip code:					
<b>ORDERING PROVIDER INFORMATION</b>					
Office/Practice/Institution Name:	Ordering Provider Name:	NPI #:		Provider phone no.:	
				Provider fax no.:	
Practice Street Address, City, State, Zip code:					
<b>MEDICAL INDICATION FOR TEST ORDER</b>					
Diagnosis:				ICD10 Code(s):	
Treatment prior to specimen collection:					
Reason for ordering the test:					
Any history of transplantation?: <input type="checkbox"/> Yes		Date of transplant:		Tissue site:	
<b>SPECIMEN INFORMATION</b>					
<b>TUMOR</b>	Pathology Case #:	Primary Tumor Site:	Specimen Site: <input type="checkbox"/> Primary <input type="checkbox"/> Metastasis	Diagnosis:	
<b>NORMAL</b>	Specimen Type: <input type="checkbox"/> Blood <input type="checkbox"/> Buccal <input type="checkbox"/> Skin biopsy	Collection date:			
<b>INSURANCE INFORMATION</b> <i>(ATTACH COPY OF INSURANCE CARD. IF NOT AVAILABLE, COMPLETE THE FOLLOWING)</i>					
Policy holder's name:		Birth date:	Plan name:		Policy no.:
					Group no.:
Policy holder's Street Address, City, State, Zip code (if different):					
Name of insurance company:			Insurance company phone number:		
Insurance Street Address, City, State, Zip code:					

UCSF 500 Gene List										
ABL1	ABL2	ACVR1	ACVR1B	AJUBA	AKT1	AKT2	AKT3	ALK	AMER1	APC
APOBEC3G	AR	ARAF	ARFRP1	ARHGAP35	ARID1A	ARID1B	ARID2	ARID5B	ASH2L	ASXL1
ASXL2	ATF1	ATM	ATR	ATRAX	AURKA	AURKB	AXIN1	AXIN2	AXL	BAP1
BARD1	BCL2	BCL2A1	BCL2L1	BCL2L12	BCL2L2	BCL6	BCOR	BCORL1	BLM	BRAF
BRCA1	BRCA2	BRD4	BRIP1	BTG1	BTK	C11orf30	CALR	CARD11	CBFB	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	CIC	CLDN18	CNOT3	COL1A1	COL2A1	CRCT1
CREB1	CREBBP	CRKL	CSF1R	CSF3R	CTCF	CTNNA1	CTNNB1	CUL3	CUX1	CXCR4
CYLD	DCC	DDIT3	DDR2	DDX3X	DDX41	DGKH	DICER1	DIS3	DNAJB1	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	ERRF11	ESPL1	ESR1	ESR2	ETS1	ETV6	EWSR1	EZH1
EZH2	FAM46C	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	FOXA1	FOXL2	FOXO1	FOXP1	FRS2	FUBP1
FUS	FYN	GAB2	GATA1	GATA2	GATA3	GLI1	GLI2	GNA11	GNA13	GNAQ
GNAS	GPC3	GPR124	GRIN2A	GRM3	GSK3B	H3F3A	H3F3B	HDAC4	HDAC9	HEY1
HGF	HIF1A	HIST1H3B	HMG2A	HNF1A	HOXB13	HRAS	HSP90AB1	HSPA2	HSPA5	ID3
IDH1	IDH2	IGF1R	IGF2	IGF2R	IKBKE	IKZF1	IKZF2	IKZF3	IL2RB	IL7R
INHBA	INPP4B	IPMK	IRF4	IRS2	JAK1	JAK2	JAK3	JAZF1	KAT6A	KDM5A
KDM5C	KDM6A	KDR	KEAP1	KIT	KLF4	KLHL6	KMT2A	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
MET	MGA	MGMT	MITF	MLH1	MLH3	MPL	MRE11A	MSH2	MSH3	MSH6
MTOR	MUTYH	MYB	MYBL1	MYC	MYCL	MYCN	MYD88	MYH9	NAV3	NBN
NCKAP5	NCOA2	NCOA3	NCOR1	NF1	NF2	NFE2L2	NFKBIA	NFKBIE	NIPBL	NKX2-1
NOTCH1	NOTCH3	NPM1	NRAS	NSD1	NT5C2	NTRK1	NTRK2	NTRK3	NUP93	NUTM1
OR5L1	PAK1	PAK3	PALB2	PARK2	PAX3	PAX5	PAX7	PAX8	PBRM1	PDCD1LG2
PDGFB	PDGFRA	PDGFRB	PDK1	PHF6	PHOX2B	PIK3CA	PIK3CG	PIK3R1	PIK3R2	PLAG1
PLCB4	PMS1	POLD1	POLE	POLQ	POT1	POU3F2	PPM1D	PPP2R1A	PPP6C	PRDM1
PREX2	PRKACA	PRKAG2	PRKAR1A	PRKCA	PRKCH	PRKDC	PTCH1	PTCH2	PTEN	PTK2B
PTPN1	PTPN11	PTPRB	PTPRD	PTPRK	PTPRT	RAC1	RAD21	RAD50	RAD51	RAD51C
RAD51D	RAF1	RARA	RASA1	RASA2	RB1	RBM10	REL	RELA	RET	RHEB
RHOA	RICTOR	RIT1	RNF43	ROBO1	ROS1	RPL10	RPTOR	RRAGC	RRAS	RRAS2
RSPO2	RSPO3	RUNX1	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	SS18	STAG2	STAT3	STAT4	STAT6
STK11	SUFU	SYK	SYNE1	TADA1	TBX3	TCEB1	TCF7L2	TERT	TET2	TFE3
TFEB	TGFBR2	TLR4	TMPRSS2	TNFAIP3	TNFRSF14	TOP1	TOP2A	TP53	TRAF3	TRAF7
TRIM28	TSC1	TSC2	TSHR	TSHZ2	TSHZ3	TSLP	TTYH1	TYK2	U2AF1	USP7
VEGFA	VHL	WHSC1	WISP3	WRN	WT1	XBP1	XPO1	YAP1	YWHAE	ZBTB20
ZFH3	ZFH4	ZMYM3	ZNF217	ZNF703	ZRSR2					