

Immunohistochemical (IHC)/ In Situ Hybridization (ISH) Stains Request

Client Information (required)

Client Name		
Client Account No.		
Client Phone	Client Order No.	
Street Address		
City	State	ZIP Code

Submitting Healthcare Professional Information (required)

Submitting/Referring Healthcare Professional Name (Last, First)

Fill in only if Call Back is required.

Phone (with area code)	Fax* (with area code)
National Provider Identification (NPI)	

*Fax number given must be from a fax machine that complies with applicable HIPAA regulation.

"I hereby confirm that informed consent has been signed by an individual legally authorized to do so and is on file with this office or the individual's Healthcare Professional's office."

Signature

Note: It is the client's responsibility to maintain documentation of the order.

Patient Information (required)

Patient ID (Medical Record No.)		
Patient Name (Last, First Middle)		
Sex <input type="checkbox"/> Male <input type="checkbox"/> Female	Birth Date (mm-dd-yyyy)	
Collection Date (mm-dd-yyyy)	Time	<input type="checkbox"/> am <input type="checkbox"/> pm
Street Address		
City	State	ZIP Code
Phone		

Specimens Provided (required)

<input type="checkbox"/> Paraffin block No. sent _____	Specimen Source _____ _____ _____
<input type="checkbox"/> Cut slides No. sent _____	

MCL Internal Use Only

Ship specimens to:

Mayo Clinic Laboratories
 3050 Superior Drive NW
 Rochester, MN 55905

Customer Service: 800-533-1710

Visit www.MayoClinicLabs.com for the most up-to-date test and shipping information.

Billing Information

- An itemized invoice will be sent each month.
- Payment terms are net 30 days.

Call the Business Office with billing-related questions:
 800-447-6424 (US and Canada)
 507-266-5490 (outside the US)

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THERAPEUTIC AND PROGNOSTIC MARKERS WITH INTERPRETATION

Pathology report with final diagnosis required for each case submitted.

Perform on all blocks

ERPR Estrogen/Progesterone Receptor, Semi-Quantitative Immunohistochemistry, Manual

KI67B Ki-67(MIB-1), Breast, Quantitative Immunohistochemistry, Automated

KI67P Ki-67(MIB-1), Pulmonary, Quantitative Immunohistochemistry, Automated

KINET Ki-67(MIB-1), Gastrointestinal/Pancreatic Neuroendocrine Tumors, Quantitative Immunohistochemistry, Automated

HER2 Immunohistochemistry (IHC) Testing

HERGM HER2, Gastric/Esoph IHC + Reflex

HERGN HER2, Gastric/Esoph, Manual No Reflex

HERMB HER Breast SemiQuant IHC + Reflex (manual)

HER2 immunohistochemistry testing is currently unavailable due to supply shortages. Contact Mayo Clinic Laboratories at 800-533-1710 for testing options.

Was specimen fixed in 10% neutral buffered formalin within 1 hour from surgical collection time?

Yes No

Has specimen been fixed in 10% neutral buffered formalin for 6 to 72 hours?

Yes No

Tissue was decalcified?

Yes No Unknown

HERBA HER2, Breast, Quantitative Immunohistochemistry, Automated with HER2 FISH Reflex

HERBN HER2, Breast, Quantitative Immunohistochemistry, Automated, No Reflex

SPECIAL IMMUNOHISTOCHEMISTRY (IHC) STAINS WITH INTERPRETATION

ALKLC ALK for Lung Cancer

CLD18 Claudin 18 (CLDN18) (43-14A), Semi-Quantitative Immunohistochemistry, Manual

DLL3 Delta-Like 3 Protein (DLL3) (SP347), Semi-Quantitative Immunohistochemistry, Manual, Tissue

AFOLR Folate Receptor Alpha (FOLR1), Semi-Quantitative Immunohistochemistry, Manual

MAGE4 Melanoma-associated antigen-A4 (MAGE-A4), Semi-Quantitative Immunohistochemistry, Manual

METSP MET (SP44), Semi-Quantitative Immunohistochemistry, Manual

NECT4 Nectin-4, Semi-Quantitative Immunohistochemistry, Manual

22C3 Programmed Death-Ligand 1 (PD-L1) (22C3), Semi-Quantitative Immunohistochemistry, Manual

288PD Programmed Death-Ligand 1 (PD-L1) (28-8), Semi-Quantitative Immunohistochemistry, Manual

SP142 Programmed Death-Ligand 1 (PD-L1) (SP142), Semi-Quantitative Immunohistochemistry, Manual

SP263 Programmed Death-Ligand 1 (PD-L1) (SP263), Semi-Quantitative Immunohistochemistry, Manual

TROP2 Trophoblast Antigen 2 (TROP2) Immunostain, Semi-Quantitative Immunohistochemistry, Manual

IN SITU HYBRIDIZATION (ISH) STAINS - TECHNICAL COMPONENT ONLY WITHOUT INTERPRETATION

EBV Epstein-Barr Virus (EBV)

KLISH Kappa and Lambda Light Chain mRNA

RSVAB Respiratory Syncytial Virus (RSV)

IN SITU HYBRIDIZATION (ISH) STAINS WITH INTERPRETATION

23FBG Fibroblast Growth Factor-23

HPVHL Human Papillomavirus (HPV) High/Low Risk

HPV E6 Human Papillomavirus (HPV) High-Risk E6/E7, RNA

HPV LHR Human Papillomavirus (HPV), Low-Risk

JCV JC Virus Detection

IMMUNOHISTOCHEMICAL (IHC) STAINS - TECHNICAL COMPONENT ONLY WITHOUT INTERPRETATION

ABCRS A/B Crystallin

ACTHI ACTH

SMACN Actin, Smooth Muscle

ADV Adenovirus

ALKOT ALK (OTI1A4)

AATRP Alpha-1-Antitrypsin

AFSH Alpha FSH

ASYN Alpha Synuclein

ALFP Alpha-Fetoprotein

AAH Amyloid A (Hepatic)

AREC Androgen Recept

ANNEX Annexin-1

APPI APP

ARGIN Arginase-1

ASCL1 ASCL1 (hASH1)

ATRX ATRX

BAP1 BAP1

BCATN B-Catenin

BCL2 BCL-2

BCL6 BCL-6

BCOR BCOR

FSHB Beta FSH

LUTHI Beta LH

TSH Beta TSH

BAMY Beta-Amyloid

BOB1 BOB-1

BRACH Brachyury

BRAFV BRAF V600E

BRG1 BRG1 (SMARCA4)

HBRM BRM (SMARCA2)

CRPRO C Reactive Protein

CALCI Calcitonin

CALD Caldesmon

CALPN Calponin

CALRC Calreticulin ex9mut

CALNN Calretinin

CAMTA CAMTA1

CAIX Carbonic Anhydrase IX (CA-IX)

CTSK Cathespin K

CD10 CD10

CD103 CD103

CD11C CD11c

CD123 CD123

CD13 CD13

CD138 CD138 (Syndecan)

CD141 CD14

CD15 CD15

CD163 CD163

CD19BM CD19 Bone Marrow

CD191 CD19

CD1A CD1a

CD2 CD2

CD2B CD2

CD20I CD20

CD21 CD21

CD22I CD22

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IMMUNOHISTOCHEMICAL (IHC) STAINS – TECHNICAL COMPONENT ONLY WITHOUT INTERPRETATION (continued)	
<input type="checkbox"/>	CD23 CD23
<input type="checkbox"/>	CD25 CD25
<input type="checkbox"/>	CD200 CD200 (OX2)
<input type="checkbox"/>	CD273 CD273 (PD-L2)
<input type="checkbox"/>	CD279 CD279 (PD-1)
<input type="checkbox"/>	CD31 CD3
<input type="checkbox"/>	CD30 CD30
<input type="checkbox"/>	CD303 CD303 (BDCA-2)
<input type="checkbox"/>	CD31 CD31
<input type="checkbox"/>	CD33 CD33
<input type="checkbox"/>	CD341 CD34
<input type="checkbox"/>	CD35 CD35
<input type="checkbox"/>	CD38 CD38
<input type="checkbox"/>	CD41 CD4
<input type="checkbox"/>	CD43 CD43
<input type="checkbox"/>	CD451 CD45 (LCA)
<input type="checkbox"/>	CD5 CD5
<input type="checkbox"/>	CD56 CD56
<input type="checkbox"/>	CD57 CD57
<input type="checkbox"/>	CD61 CD61
<input type="checkbox"/>	CDKPB CD68 (KP1)
<input type="checkbox"/>	CDKP1 CD68 (KP1)
<input type="checkbox"/>	PGM1 CD68 (PG-M1)
<input type="checkbox"/>	CD7 CD7
<input type="checkbox"/>	CD71 CD71
<input type="checkbox"/>	CD79 CD79a
<input type="checkbox"/>	CD81 CD8
<input type="checkbox"/>	CD99 CD99 (MIC-2)
<input type="checkbox"/>	CDX2 CDX2
<input type="checkbox"/>	HCG Chorion Gonadotropin
<input type="checkbox"/>	CHRO Chromogranin
<input type="checkbox"/>	CLAUD Claudin-1
<input type="checkbox"/>	CLDN4 Claudin-4
<input type="checkbox"/>	CLUS Clusterin
<input type="checkbox"/>	COLIV Collagen IV
<input type="checkbox"/>	CO4D Complement 4d
<input type="checkbox"/>	CYC1 Cyclin D1
<input type="checkbox"/>	CMV1 Cytomegalovirus
<input type="checkbox"/>	CXC13 CXCL13
<input type="checkbox"/>	DESMN Desmin
<input type="checkbox"/>	DESG3 Desmoglein 3

<input type="checkbox"/>	DNJB9 DNAJB9
<input type="checkbox"/>	DOG1 DOG-1
<input type="checkbox"/>	EBNA2 EBNA2
<input type="checkbox"/>	LMP11 EBV-LMP1
<input type="checkbox"/>	ECAD E-Cadherin
<input type="checkbox"/>	ECADB E-Cadherin, Bone Marrow
<input type="checkbox"/>	EMAI EMA
<input type="checkbox"/>	ERG ERG
<input type="checkbox"/>	ESTR Estrogen Rec
<input type="checkbox"/>	EXT2 Exostosin 2
<input type="checkbox"/>	FC13A Factor 13a
<input type="checkbox"/>	FACR8 Factor 8 R Ag
<input type="checkbox"/>	FASC Fascin
<input type="checkbox"/>	FGFRC FGFR1
<input type="checkbox"/>	3FBLN Fibulin 3
<input type="checkbox"/>	FLI1 FLI-1
<input type="checkbox"/>	BFOS FosB
<input type="checkbox"/>	FOXP1 FOXP1
<input type="checkbox"/>	FOXP3 FOXP3
<input type="checkbox"/>	IHCFH Fumarate Hydratase
<input type="checkbox"/>	FUS1 FUS
<input type="checkbox"/>	GAB1 GAB1
<input type="checkbox"/>	GALN3 Galectin-3
<input type="checkbox"/>	GASTN Gastrin
<input type="checkbox"/>	GATA3 GATA3
<input type="checkbox"/>	GATAB GATA3, Bone Marrow
<input type="checkbox"/>	GCDF GCDFP-15
<input type="checkbox"/>	GCET GCET1
<input type="checkbox"/>	GFAP GFAP
<input type="checkbox"/>	GLUCG Glucagon
<input type="checkbox"/>	GLUT GLUT-1
<input type="checkbox"/>	GLUTS Glutamine Synthetase
<input type="checkbox"/>	GLYCF Glycophorin A
<input type="checkbox"/>	GLYP3 Glypican-3
<input type="checkbox"/>	GPNMB GPNMB
<input type="checkbox"/>	GRANB Granzyme B
<input type="checkbox"/>	GRH Growth Hormone
<input type="checkbox"/>	H1083 HIK1083
<input type="checkbox"/>	HPYL H. pylori
<input type="checkbox"/>	HBME HBME-1
<input type="checkbox"/>	HEG1 HEG1
<input type="checkbox"/>	HEMB Hemoglobin
<input type="checkbox"/>	HEPBC Hepatitis B core
<input type="checkbox"/>	HEPBS Hepatitis B surface

<input type="checkbox"/>	HEPAT Hepatocyte
<input type="checkbox"/>	HER21 HER2
<input type="checkbox"/>	HRPV8 Herpes Virus type 8
<input type="checkbox"/>	HG34W Histone H3 G34W
<input type="checkbox"/>	HK27M Histone H3 K27M
<input type="checkbox"/>	HISME Histone3 K27me3
<input type="checkbox"/>	HK36M H3F3 K36M
<input type="checkbox"/>	HMB45 HMB45
<input type="checkbox"/>	HMGA HMGA2
<input type="checkbox"/>	HNF1B HNF-1beta
<input type="checkbox"/>	HRPSV HSV I and II
<input type="checkbox"/>	ICOSI ICOS (CD278)
<input type="checkbox"/>	IDH1 IDH1-R132H
<input type="checkbox"/>	IDH2 IDH2, R172K mutation
<input type="checkbox"/>	IGAI IgA
<input type="checkbox"/>	IGDI IgD
<input type="checkbox"/>	IGGI IgG
<input type="checkbox"/>	IGG41 IgG4
<input type="checkbox"/>	IGMI IgM
<input type="checkbox"/>	INHIB Inhibin
<input type="checkbox"/>	INI1 INI1/BAF47
<input type="checkbox"/>	INSUL Insulin
<input type="checkbox"/>	INSM1 INSM1
<input type="checkbox"/>	IRF8 IRF8
<input type="checkbox"/>	ISLET Islet 1
<input type="checkbox"/>	JCHAI J-Chain
<input type="checkbox"/>	KAIHC Kappa
<input type="checkbox"/>	KM55 KM55
<input type="checkbox"/>	KRT34 Keratin (34BE12)
<input type="checkbox"/>	KRTAE Keratin (AE1/AE3)
<input type="checkbox"/>	K818 Keratin 8 and 18 (KRT8/18)
<input type="checkbox"/>	KRTOS Keratin (OSCAR)
<input type="checkbox"/>	KRT19 Keratin 19
<input type="checkbox"/>	KRT20 Keratin 20
<input type="checkbox"/>	KRT5 Keratin 5
<input type="checkbox"/>	KRT7 Keratin 7
<input type="checkbox"/>	KI67 Ki-67 (MIB-1)
<input type="checkbox"/>	KIMEL Ki67+ Melan A
<input type="checkbox"/>	KIT KIT
<input type="checkbox"/>	LACTO Lactotransferrin
<input type="checkbox"/>	LAIHC Lambda
<input type="checkbox"/>	LANGR Langerin
<input type="checkbox"/>	LECT2 LECT2

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IMMUNOHISTOCHEMICAL (IHC) STAINS – TECHNICAL COMPONENT ONLY WITHOUT INTERPRETATION (continued)		
<input type="checkbox"/> LEF1	LEF1	<input type="checkbox"/> SPIRO
<input type="checkbox"/> LFABP	L-FABP	<input type="checkbox"/> STAT3
<input type="checkbox"/> LMO2	LMO2	Phosphorylated STAT3 at Tyrosine 705 (pSTAT3-Y705)
<input type="checkbox"/> LYSOZ	Lysozyme	<input type="checkbox"/> STAT6
<input type="checkbox"/> MALI	MAL	STAT6
<input type="checkbox"/> MGB	Mammaglobin	<input type="checkbox"/> SYNAP
<input type="checkbox"/> MCEA	M-CEA	Synaptophysin
<input type="checkbox"/> MEF2B	MEF2B	<input type="checkbox"/> SSX18
<input type="checkbox"/> MELAN	Melan A (MART-1)	Synovial Sarcoma Panel
<input type="checkbox"/> MERKC	Merkel CC (MCPyV)	<input type="checkbox"/> SV40
<input type="checkbox"/> NF2	Merlin (NF2)	SV40
<input type="checkbox"/> MT	Metallothionein	<input type="checkbox"/> TAU3
<input type="checkbox"/> MTAP	Methylthioadenosine Phosphorylase (MTAP)	TAU 3
<input type="checkbox"/> MITF	MiTF	<input type="checkbox"/> TAU4
<input type="checkbox"/> MLH1	MLH1	TAU 4
<input type="checkbox"/> MOC31	MOC-31	<input type="checkbox"/> TAU1
<input type="checkbox"/> MSH2	MSH2	TAU
<input type="checkbox"/> MSH6	MSH6	<input type="checkbox"/> TBET
<input type="checkbox"/> MUCN2	Mucin 2	T-BET
<input type="checkbox"/> MUCN4	Mucin 4	<input type="checkbox"/> BTIA1
<input type="checkbox"/> MUCN5	Mucin 5AC	T-Cell Intracellular Antigen 1, Bone Marrow
<input type="checkbox"/> MUCN6	Mucin 6	<input type="checkbox"/> TCL1A
<input type="checkbox"/> MUM1	MUM-1/IRF4	TCL1A
<input type="checkbox"/> MUM1B	MUM-1(IRF4) Bone Marrow	<input type="checkbox"/> TCRF1
<input type="checkbox"/> MYC	MYC	TCR Beta F1
<input type="checkbox"/> MYPO	Myeloperoxidase	<input type="checkbox"/> TCRGD
<input type="checkbox"/> MYOD1	MYOD1	TCR Delta
<input type="checkbox"/> MYOGE	Myogenin	<input type="checkbox"/> TDT
<input type="checkbox"/> MYOGL	Myoglobin	TdT
<input type="checkbox"/> NAPSIN A	Napsin A	<input type="checkbox"/> TFE3
<input type="checkbox"/> NEGCT	Negative Control	TFE3
<input type="checkbox"/> NEUN	Neu-N	<input type="checkbox"/> THYR
<input type="checkbox"/> NEUD1	NeuroD1	Thyroglobulin
<input type="checkbox"/> NF2F	Neurofilament (2F11)	<input type="checkbox"/> TIA1
<input type="checkbox"/> NFSMI	NF (SMI31)	TIA-1
<input type="checkbox"/> NSEI	NSE	<input type="checkbox"/> TLE1
<input type="checkbox"/> NKX3	NKX3.1	TLE-1
<input type="checkbox"/> NUT	NUT	<input type="checkbox"/> TOXO
<input type="checkbox"/> OCT2	OCT-2	Toxoplasma
<input type="checkbox"/> OCT4	OCT-4	<input type="checkbox"/> TPIT
<input type="checkbox"/> OLIG2	OLIG2	T-PIT
<input type="checkbox"/> P16	p16 (INK4a/CDKN2A)	<input type="checkbox"/> TRAP
<input type="checkbox"/> P40NA	p40 + Napsin A	TRAP
<input type="checkbox"/> P40	p40	<input type="checkbox"/> TRBC1
<input type="checkbox"/> P504S	P504S	TRBC1
<input type="checkbox"/> P53	p53	<input type="checkbox"/> TRBC3
<input type="checkbox"/> P571	p57 (KIP2/CDKN1C)	TRBC3+CD3
<input type="checkbox"/> P62	p62	<input type="checkbox"/> TRK
<input type="checkbox"/> P63	p63	TRK
<input type="checkbox"/> PACPI	PACP	<input type="checkbox"/> TRPS1
<input type="checkbox"/> PFIB	Parafibromin	TRPS1
<input type="checkbox"/> PTH	Parathyroid Hormone	<input type="checkbox"/> TRYPN
<input type="checkbox"/> PARVI	Parvovirus	Trypsin
<input type="checkbox"/> PAX2	PAX-2	<input type="checkbox"/> TRPTS
<input type="checkbox"/> PAX5	PAX-5	Tryptase
<input type="checkbox"/> PAX8	PAX8	<input type="checkbox"/> TTF8G
<input type="checkbox"/> PCEAI	P-CEA	TTF1 (8G7G3/1)
<input type="checkbox"/> PHTDP	Phospho TDP43	<input type="checkbox"/> TTFSP
<input type="checkbox"/> PTEN	Phosphatase and Tensin Homolog (PTEN)	TTF1 (SPT24)
<input type="checkbox"/> PIT1	Pit-1	<input type="checkbox"/> TTFK5
<input type="checkbox"/> HPL	Placental Lactogen	TTF1(SPT24) + KRT5
<input type="checkbox"/> PLAP	PLAP	<input type="checkbox"/> TTF40
<input type="checkbox"/> PMS2	PMS2	TTF1 (SPT24) + p40
<input type="checkbox"/> POU2F	POU2F3	<input type="checkbox"/> TYROS
<input type="checkbox"/> D240	Podoplanin (D2-40)	Tyrosinase
<input type="checkbox"/> PRAME	Prame	<input type="checkbox"/> UBIQ
<input type="checkbox"/> PROG	Progesterone Rec	Ubiquitin
<input type="checkbox"/> PRLI	Prolactin	<input type="checkbox"/> UPII
<input type="checkbox"/> PSAIM	Prostate Spec Ag	Uroplakin II
<input type="checkbox"/> PTRIP	Prostate Triple (P63/KRT/P504S)	<input type="checkbox"/> VIM
<input type="checkbox"/> PU1	PU.1	Vimentin
<input type="checkbox"/> RB1	Retinoblastoma	<input type="checkbox"/> VIPI
<input type="checkbox"/> S100	S-100	VIP
<input type="checkbox"/> SALL4	SALL4	<input type="checkbox"/> VZV
<input type="checkbox"/> SATB2	SATB2	VZV
<input type="checkbox"/> 2SC	S-(2-Succinyl)-Cysteine (2SC)	<input type="checkbox"/> WT1
<input type="checkbox"/> SDHB	SDHB	Wilm's Tumor (WT-1)
<input type="checkbox"/> SEMA3	SEMA3B	<input type="checkbox"/> YAP1
<input type="checkbox"/> SF1	SF-1	YAP1
<input type="checkbox"/> SMAD4	SMAD4	<input type="checkbox"/> BTB46
<input type="checkbox"/> SMOTH	Smoothelin	ZBTB46
<input type="checkbox"/> SOMAT	Somatostatin	
<input type="checkbox"/> SSTR2	Somatost Rc2 (SSTR2)	
<input type="checkbox"/> SOX10	SOX10	
<input type="checkbox"/> SOX11	SOX11	