

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

Patient Information (required)

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

Submitting Provider Information (required)

Submitting/Referring Provider Name <i>(Last, First)</i>

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 provider's office."

Signature ▶

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

Specimens Provided (required)

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

MCL Internal Use Only _____ _____ _____ _____ _____ _____
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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.
 Multiple blocks, select 1:
 Choose best block 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

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
- HERDM HER2, Breast, Quantitative Immunohistochemistry, Automated, No Reflex
- HERDN HER2, Breast, DCIS, Quantitative Immunohistochemistry, Manual No Reflex
- HERGM HER2, Breast, DCIS, Quantitative Immunohistochemistry, Manual No Reflex
- HERGN HER2, Breast, DCIS, Quantitative Immunohistochemistry, Manual No Reflex

SPECIAL IMMUNOHISTOCHEMISTRY (IHC) STAINS WITH INTERPRETATION

- ALKLC ALK for Lung Cancer
- DLL3 Delta-Like 3 Protein (DLL3) (SP347), Semi-Quantitative Immunohistochemistry, Manual, Tissue
- 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

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

- EBV Epstein-Barr Virus (EBV)
- HBZ Human T-cell Lymphotropic Virus Type 1 (HTLV-1) bZIP Factor (HBZ)
- KLISH Kappa and Lambda Light Chain mRNA
- RSVAB Respiratory Syncytial Virus (RSV)

IN SITU HYBRIDIZATION (ISH) STAINS WITH INTERPRETATION

- 23FBG Fibroblast Growth Factor-23 above HPVHL
- HPVHL Human Papillomavirus (HPV) High/Low Risk
- HPVE6 Human Papillomavirus (HPV) High-Risk E6/E7, RNA
- HPVLR 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
- ALK ALK
- ALKOT ALK (OT1A4)
- ALKD5 ALK (D5F3) above AATRP
- AATRP Alpha-1-Antitrypsin
- AFSH Alpha FSH

- ASYN Alpha Synuclein
- ALFP Alpha-Fetoprotein
- AAH Amyloid A (Hepatic)
- AMYPI Amyloid P (SAP)
- AREC Androgen Recep
- ANNEX Annexin-1
- APPI APP
- ARGIN Arginase-1
- ASCL1 ASCL1 (hASH1)
- ATRX ATRX
- BAP1 BAP1
- BCATN B-Catenin
- BERP Ber-EP4
- 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)
- 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)
- CD14I CD14
- CD15 CD15
- CD163 CD163
- CD19BM CD19 Bone Marrow
- CD19I CD19

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<input type="checkbox"/> CD1A CD1a <input type="checkbox"/> CD2 CD2 <input type="checkbox"/> CD2B CD2 <input type="checkbox"/> CD20I CD20 <input type="checkbox"/> CD21 CD21 <input type="checkbox"/> CD22I CD22 <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"/> CD3I 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"/> CD34I CD34 <input type="checkbox"/> CD35 CD35 <input type="checkbox"/> CD38 CD38 <input type="checkbox"/> CD4I CD4 <input type="checkbox"/> CD43 CD43 <input type="checkbox"/> CD45I 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"/> CD8I 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"/> CMET cMET <input type="checkbox"/> COLIV Collagen IV <input type="checkbox"/> CO4D Complement 4d <input type="checkbox"/> CYC1 Cyclin D1	<input type="checkbox"/> CMVI 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"/> LMP1I 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"/> ERBE1 Estrogen Rec Beta1 <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"/> FGFR1 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"/> FUSI 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"/> GRANB Granzyme B <input type="checkbox"/> GRH Growth Hormone <input type="checkbox"/> H1083 HIK1083 <input type="checkbox"/> HPYL H. pylori <input type="checkbox"/> DBA4 Hairy Cell (DBA44)	<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"/> HER2I 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"/> IGD I gD <input type="checkbox"/> IGGI IgG <input type="checkbox"/> IGG4I 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"/> KRT34 Keratin (34BE12) <input type="checkbox"/> KRTAE Keratin (AE1/AE3) <input type="checkbox"/> KRTCA Keratin (CAM 5.2) <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
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<input type="checkbox"/> LACTO Lactotransferrin <input type="checkbox"/> LAIHC Lambda <input type="checkbox"/> LANGR Langerin <input type="checkbox"/> LECT2 LECT2 <input type="checkbox"/> LEF1 LEF1 <input type="checkbox"/> LFABP L-FABP <input type="checkbox"/> LMO2 LMO2 <input type="checkbox"/> LYSOZ Lysozyme <input type="checkbox"/> MALI MAL <input type="checkbox"/> MGB Mammaglobin <input type="checkbox"/> MCEA M-CEA <input type="checkbox"/> MEF2B MEF2B <input type="checkbox"/> MELAN Melan A (MART-1) <input type="checkbox"/> MERKC Merkel CC (MCPyV) <input type="checkbox"/> MT Metallothionein <input type="checkbox"/> MTAP Methylthioadenosine Phosphorylase (MTAP) <input type="checkbox"/> MITF MiTF <input type="checkbox"/> MLH1 MLH1 <input type="checkbox"/> MOC31 MOC-31 <input type="checkbox"/> MSH2 MSH2 <input type="checkbox"/> MSH6 MSH6 <input type="checkbox"/> MUCN2 Mucin 2 <input type="checkbox"/> MUCN4 Mucin 4 <input type="checkbox"/> MUCN5 Mucin 5AC <input type="checkbox"/> MUCN6 Mucin 6 <input type="checkbox"/> MUM1 MUM-1/IRF4 <input type="checkbox"/> MUM1B MUM-1(IRF4) Bone Marrow <input type="checkbox"/> MYC MYC <input type="checkbox"/> MYPO Myeloperoxidase <input type="checkbox"/> MYOD1 MYOD1 <input type="checkbox"/> MYOGE Myogenin <input type="checkbox"/> MYOGL Myoglobin <input type="checkbox"/> NAPSN Napsin A <input type="checkbox"/> NEGCT Negative Control <input type="checkbox"/> NELL1 NELL1 <input type="checkbox"/> NEUN Neu-N <input type="checkbox"/> NF2F Neurofilament (2F11) <input type="checkbox"/> NFSMI NF (SMI31) <input type="checkbox"/> NSEI NSE <input type="checkbox"/> NKX3 NKX3.1 <input type="checkbox"/> NUT NUT <input type="checkbox"/> OCT2 OCT-2 <input type="checkbox"/> OCT4 OCT-4	<input type="checkbox"/> OLIG2 OLIG2 <input type="checkbox"/> P16 p16 (INK4a/CDKN2A) <input type="checkbox"/> P40NA p40 + Napsin A <input type="checkbox"/> P40 p40 <input type="checkbox"/> P504S P504S <input type="checkbox"/> P53 p53 <input type="checkbox"/> P571 p57 (KIP2/CDKN1C) <input type="checkbox"/> P62 p62 <input type="checkbox"/> P63 p63 <input type="checkbox"/> PACPI PACP <input type="checkbox"/> PFIB Parafibromin <input type="checkbox"/> PTH Parathyroid Hormone <input type="checkbox"/> PARVI Parvovirus <input type="checkbox"/> PAX2 PAX-2 <input type="checkbox"/> PAX5 PAX-5 <input type="checkbox"/> PAX8 PAX8 <input type="checkbox"/> PCEAI P-CEA <input type="checkbox"/> PHTDP Phospho TDP43 <input type="checkbox"/> PTEN Phosphatase and Tensin Homolog (PTEN) <input type="checkbox"/> PIT1 Pit-1 <input type="checkbox"/> HPL Placental Lactogen <input type="checkbox"/> PLAP PLAP <input type="checkbox"/> PMS2 PMS2 <input type="checkbox"/> POU2F POU2F3 <input type="checkbox"/> D240 Podoplanin (D2-40) <input type="checkbox"/> PRAME Prame <input type="checkbox"/> PROG Progesterone Rec <input type="checkbox"/> PRLI Prolactin <input type="checkbox"/> PSAIM Prostate Spec Ag <input type="checkbox"/> PTRIP Prostate Triple (P63/KRT/P504S) <input type="checkbox"/> PU1 PU.1 <input type="checkbox"/> RB1 Retinoblastoma <input type="checkbox"/> S100 S-100 <input type="checkbox"/> SALL4 SALL4 <input type="checkbox"/> SATB2 SATB2 <input type="checkbox"/> 2SC S-(2-Succinyl)-Cysteine (2SC) <input type="checkbox"/> SDHB SDHB <input type="checkbox"/> SEMA3 SEMA3B <input type="checkbox"/> SF1 SF-1 <input type="checkbox"/> SMAD4 SMAD4 <input type="checkbox"/> SMOTH Smoothelin <input type="checkbox"/> SOMAT Somatostatin <input type="checkbox"/> SSTR2 Somatost Rc2 (SSTR2)	<input type="checkbox"/> SOX10 SOX10 <input type="checkbox"/> SOX11 SOX11 <input type="checkbox"/> SPIRO Spirochete <input type="checkbox"/> STAT6 STAT6 <input type="checkbox"/> SYNAP Synaptophysin <input type="checkbox"/> SSX18 Synovial Sarcoma Panel <input type="checkbox"/> SV40 SV40 <input type="checkbox"/> TAU3 TAU 3 <input type="checkbox"/> TAU4 TAU 4 <input type="checkbox"/> TAU1 TAU <input type="checkbox"/> TBET T-BET <input type="checkbox"/> BTIA1 T-Cell Intracellular Antigen 1, Bone Marrow <input type="checkbox"/> TCL1A TCL1A <input type="checkbox"/> TCRF1 TCR Beta F1 <input type="checkbox"/> TCRGD TCR Delta <input type="checkbox"/> TDT TdT <input type="checkbox"/> TFE3I TFE3 <input type="checkbox"/> THYR Thyroglobulin <input type="checkbox"/> TIA1 TIA-1 <input type="checkbox"/> TLE1 TLE-1 <input type="checkbox"/> TOXO Toxoplasma <input type="checkbox"/> TPIT T-PIT <input type="checkbox"/> TRAP TRAP <input type="checkbox"/> TRK TRK <input type="checkbox"/> TRPS1 TRPS1 <input type="checkbox"/> TRYPN Trypsin <input type="checkbox"/> TRPTS Tryptase <input type="checkbox"/> TTF8G TTF1 (8G7G3/1) <input type="checkbox"/> TTFSP TTF1 (SPT24) <input type="checkbox"/> TTFK5 TTF1(SPT24) + KRT5 <input type="checkbox"/> TTF40 TTF1 (SPT24) + p40 <input type="checkbox"/> TYROS Tyrosinase <input type="checkbox"/> UBIQ Ubiquitin <input type="checkbox"/> UPII Uroplakin II <input type="checkbox"/> VIM Vimentin <input type="checkbox"/> VIPI VIP <input type="checkbox"/> VZV VZV <input type="checkbox"/> MESOP WT1/KRT5/TTF1/pCEA <input type="checkbox"/> WT11 Wilm's Tumor (WT-1) <input type="checkbox"/> YAP1 YAP1 <input type="checkbox"/> BTB46 ZBTB46
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