

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

Client Information (required)

Client Name		
Client Account No.		
Client Phone	Client Order No.	
Address		
City	State	Zip Code

Submitting Provider/Provider Name Information (required)

Submitting/Referring Provider <i>(Last, First)</i>
Fill in only if Call Back is required. Phone () _____ - _____ Fax * () _____ - _____
Provider's National I.D. (NPI)

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

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

New York State Patients: Informed Consent for Genetic Testing

"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.

Patient Information (required)

Patient ID <i>(Medical Record No.)</i>		
Patient Name <i>(Last, First, Middle)</i>		
Gender <input type="checkbox"/> Male <input type="checkbox"/> Female	Birth Date <i>(Month DD, YYYY)</i>	
Collection Date <i>(Month DD, YYYY)</i>	Time <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.	
Patient's Street Address		
Phone		
City	State	Zip Code

Specimens Provided (required)

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

MML Internal Use Only

Ship specimens to:

Mayo Clinic Laboratories
3050 Superior Drive NW
Rochester, MN 55901

Customer Service: 855-516-8404

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

HER2 Immunohistochemistry (IHC) Testing

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

- HERBA Breast, Quantitative, Automated with HER2 FISH Reflex
- HERBN Breast, Quantitative, Automated, No Reflex
- HERDM Breast, DCIS, Quantitative, Manual with HER2 FISH Reflex
- HERDN Breast, DCIS, Quantitative, Manual No Reflex
- HERGM Gastric/Esophageal, Semi-Quantitative, Manual
- HERGN Gastric/Esophageal, Semi-Quantitative, Manual, No Reflex

SPECIAL IMMUNOHISTOCHEMISTRY (IHC) STAINS WITH INTERPRETATION

- PDL1 PD-L1 (SP263), Semi-Quantitative IHC, Manual
- PDL12 PD-L1 (22C3), Semi-Quantitative IHC, Manual
- PDL1S PD-L1 (SP142), Semi-Quantitative IHC, Manual

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

- EBV Epstein-Barr Virus (EBV)
- KLISH Kappa and Lambda Light Chain mRNA
- RSVAB Resp Syncytial Virus (RSV) ISH

IN SITU HYBRIDIZATION (ISH) STAINS WITH INTERPRETATION

- HPVHL HPV High/LowRisk DNA ISH
- HPVHR HPV High-Risk Only DNA ISH
- HPVLR HPV Low-Risk DNA ISH
- HPVE6 HPVE6/E7 ISH
- JCV JC Virus ISH

IMMUNOHISTOCHEMICAL (IHC) STAINS-TECHNICAL COMPONENT ONLY WITHOUT INTERPRETATION

- ABCRS A/B Crystallin
- ACTHI ACTH
- SMACN Actin, Smooth Muscle
- ADV Adenovirus
- ALK ALK
- AATRP Alpha-1-Antitrypsin
- AFSH Alpha FSH
- ASYN Alpha Synuclein
- ALFP Alpha-Fetoprotein
- AMYA Amyloid (SAA)
- AAH Amyloid A (Hepatic)
- AMYPI Amyloid P (SAP)
- AREC Androgen Recep
- ANNEX Annexin-1
- APP1 APP
- ARGIN Arginase-1
- ASCL1 ASCL1 (hASH1)
- ATRX ATRX
- BAP1 BAP1
- BCATN B-Catenin
- BEREP Ber-EP4
- BCL2 BCL-2
- BCL6 BCL-6
- 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
- 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
- CD1A CD1a
- CD2 CD2
- CD2B CD2
- CD20I CD20
- CD21 CD21
- CD22I CD22
- CD23 CD23
- CD25 CD25
- CD273 CD273 (PD-L2)
- CD279 CD279 (PD-1)
- CD3I CD3
- CD30 CD30
- CD31 CD31
- CD33 CD33
- CD34I CD34
- CD35 CD35
- CD38 CD38
- CD4I CD4
- CD43 CD43
- CD45I CD45 (LCA)
- CD5 CD5
- CD56 CD56
- CD57 CD57
- CD61 CD61
- CDKPB CD68 (KP1)
- CDKP1 CD68 (KP1)
- PGM1 CD68 (PG-M1)
- CD7 CD7
- CD71 CD71
- CD79 CD79a
- CD8I CD8
- CD99 CD99 (MIC-2)
- CDX2 CDX2
- HCG Chorion Gonadotropin
- CHRO Chromogranin
- CLAUD Claudin-1
- CLUS Clusterin
- CMET cMET
- COLIV Collagen IV
- CO4D Complement 4d
- COX2 COX-2
- CYC1 Cyclin D1
- CMVI Cytomegalovirus

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<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"/> ERCC ERCC-1 <input type="checkbox"/> ERG ERG <input type="checkbox"/> ERBE1 Estrogen Rec Beta1 <input type="checkbox"/> ESTR Estrogen Rec <input type="checkbox"/> FC13A Factor 13a <input type="checkbox"/> FACR8 Factor 8 R Ag <input type="checkbox"/> FASC Fascin <input type="checkbox"/> FGFR3 FGFR1 <input type="checkbox"/> FLI1 FLI-1 <input type="checkbox"/> BFOS FosB <input type="checkbox"/> FOXP1 FOXP1 <input type="checkbox"/> FOXP3 FOXP3 <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"/> HPYL H. pylori <input type="checkbox"/> DBA4 Hairy Cell (DBA44) <input type="checkbox"/> HBME HBME-1 <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"/> IGAI IgA <input type="checkbox"/> IGD1 IgD <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"/> 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"/> KRT56 Keratin 5/6 <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"/> LAT1 LAT <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"/> MELAN Melan A (MART-1) <input type="checkbox"/> MERKC Merkel CC (MCPyV) <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"/> MUCN4 Mucin 4 <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"/> NEUN Neu-N <input type="checkbox"/> NF2F Neurofilament (2F11) <input type="checkbox"/> NFSMI NF (SMI31) <input type="checkbox"/> NSEI NSE <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"/> P53 p53 <input type="checkbox"/> P57I 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"/> PAX5 PAX-5 <input type="checkbox"/> PAX8 PAX8 <input type="checkbox"/> PCEAI P-CEA <input type="checkbox"/> PHTDP Phospho TDP43 <input type="checkbox"/> PIN2 PIN2 (p63/p504S) <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"/> D240 Podoplanin (D2-40) <input type="checkbox"/> PROG Progesterone Rec <input type="checkbox"/> PRLI Prolactin <input type="checkbox"/> PSAIM Prostate Spec Ag <input type="checkbox"/> PU1 PU.1 <input type="checkbox"/> RB1 Retinoblastoma <input type="checkbox"/> S100 S-100 <input type="checkbox"/> SALL4 SALL4
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<input type="checkbox"/> SDHB	SDHB
<input type="checkbox"/> SF1	SF-1
<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"/> STAT6	STAT6
<input type="checkbox"/> SYNAP	Synaptophysin
<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"/> 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"/> TOX0	Toxoplasma
<input type="checkbox"/> TRAP	TRAP
<input type="checkbox"/> TREPE	Treponema Pallidum
<input type="checkbox"/> TRK	TRK
<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) + KRT5/6
<input type="checkbox"/> TTF40	TTF1 (SPT24) + p40
<input type="checkbox"/> TYROS	Tyrosinase
<input type="checkbox"/> UBIQ	Ubiquitin
<input type="checkbox"/> VIM	Vimentin
<input type="checkbox"/> VIP1	VIP
<input type="checkbox"/> VZV	VZV
<input type="checkbox"/> WT1I	Wilm's Tumor (WT-1)
<input type="checkbox"/> YAP1	YAP1