



IHC ORDERING FORM

Client	Account #	<input type="checkbox"/> Client <input type="checkbox"/> Insurance/Patient (Please Attach Copy Insurance Info)
	Name:	ORDERING PHYSICIAN
	Address:	_____
	Phone:	Phone _____ Fax _____
Patient	Last, First M	Collection Date/Time _____ <input type="checkbox"/> am <input type="checkbox"/> pm
	<input type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> Paraffin-embedded tissue <input type="checkbox"/> Slides
	DOB _____ SS# _____	Anatomic Site: _____
	Address _____	Specimen #: _____
Patient ID <input type="checkbox"/> Hospital # <input type="checkbox"/> Pathology Account #		Comments

Billing / Physician / Specimen / Comments

<p><input type="checkbox"/> Global <input type="checkbox"/> TC Technical Only (please check one)</p> <p><u>APOPTOSIS/ CELL CYCLE PROGRESSION</u></p> <p><input type="checkbox"/> I p21waf WAF-1, inhibitory gene <input type="checkbox"/> I p27Kip kinase inhibitory protein 1 <input type="checkbox"/> I pERK1/2 extracellular signal related kinase <input type="checkbox"/> I pRb phosphorylated retinoblastoma suppressor protein</p> <p><u>BREAST/ COCKTAIL FOR INVASION/OTHER</u></p> <p><input type="checkbox"/> I BRST 2 cytokeratin 5, p63, CK8/18 breast cocktail <input type="checkbox"/> I ECAD E-cadherin epithelial cell, ductal-type breast</p> <p><u>BREAST HORMONE RECEPTORS/PROGNOSTIC PROFILE</u></p> <p><input type="checkbox"/> I ER estrogen receptor <input type="checkbox"/> I PR progesterone receptor <input type="checkbox"/> I HER2 HER2/neu (IVD) <input type="checkbox"/> <i>reflex</i> to F HER2 if I HER2 is <input type="checkbox"/> 1+ <input type="checkbox"/> 2+ <input type="checkbox"/> 3+ <input type="checkbox"/> I KI67 (MIB-1) cell proliferation marker</p> <p><u>CARCINOMA VS. MESOTHELIAL</u></p> <p><input type="checkbox"/> I BERE P4 epithelial antigen (BER-EP4) <input type="checkbox"/> I CALRT calretinin; calcium binding protein <input type="checkbox"/> I ERA epithelial related antigen (MOC-31) <input type="checkbox"/> I TAG72 adenocarcinoma; HMW glycoprotein</p> <p><u>CERVICAL/GYNECOLOGICAL</u></p> <p><input type="checkbox"/> I PROEXC ProEx™ C biomarker</p> <p><u>CNS</u></p> <p><input type="checkbox"/> I GFAP human glial fibrillary acidic protein <input type="checkbox"/> I NF neurofilament</p> <p><u>HEMATOPOETIC MARKERS</u></p> <p>Bone marrow progenitors/Leukemia/Blastic</p> <p><input type="checkbox"/> I CD10 common ALL antigen <input type="checkbox"/> I CD34 endothelial, stem cells, stromal cells <input type="checkbox"/> I CD61 glycoprotein GPIIIa <input type="checkbox"/> I CD68 macrophages <input type="checkbox"/> I CD99 Ewing sarcoma, PNET, ALL <input type="checkbox"/> I CD117 c-KIT, myeloid and mast cell <input type="checkbox"/> I GLYCP A glypophorin-A <input type="checkbox"/> I MPO myeloperoxidase <input type="checkbox"/> I TDT terminal deoxynucleotidyl transferase <input type="checkbox"/> I VWF Von Willebrand factor VIII</p> <p>Panhematopoietic</p> <p><input type="checkbox"/> I CD45 leukocyte common antigen</p> <p>B cell lymphoma</p> <p><input type="checkbox"/> I ANXA1 annexin A1, hairy cell, B cell lymphoma <input type="checkbox"/> I BCL 2 follicular lymphoma, apoptosis <input type="checkbox"/> I BCL 6 follicle center B cells <input type="checkbox"/> I CD10 common ALL antigen <input type="checkbox"/> I CD20 pan B cell <input type="checkbox"/> I CD23 activated B-cell 125 <input type="checkbox"/> I CD79a B cell, plasma cells <input type="checkbox"/> I CYCLIN D1/PRAD1, mantle cell lymphoma <input type="checkbox"/> I HAIRY hairy cell leukemia (DBA44) <input type="checkbox"/> I MUM1 multiple myeloma oncogene 1 <input type="checkbox"/> I PAX 5 PAX-g, B cell transcription factor <input type="checkbox"/> I ZAP70 CLL/SLL prognosis</p>	<p>Plasma cell</p> <p><input type="checkbox"/> I P63PC plasma cell p63 <input type="checkbox"/> I CD138 plasma cells, subset epithelial cells <input type="checkbox"/> I KAP ISH kappa immunoglobulin light chains by ISH <input type="checkbox"/> I LAM ISH lambda immunoglobulin light chains by ISH</p> <p>T Cell/NK cell lymphoma</p> <p><input type="checkbox"/> I CD1a cortical thymocytes, Langerhans cells <input type="checkbox"/> I CD2 thymic, T cells, NK cells <input type="checkbox"/> I CD3 pan T cell antigen <input type="checkbox"/> I CD4 helper T cells <input type="checkbox"/> I CD5 pan T cell, B cell subset, thymic carcinoma <input type="checkbox"/> I CD7 T cell, lymphocytes <input type="checkbox"/> I CD8 suppressor T cell <input type="checkbox"/> I CD43 T cell, myeloid, B-cell subset, histiocytes <input type="checkbox"/> I CD56 NK cells <input type="checkbox"/> I CD57 neural, neuroendocrine, NK cells <input type="checkbox"/> I GRANB granzyme B, cytotoxic T cell subset, NK cell</p> <p>Hodgkin/Anaplastic lymphoma</p> <p><input type="checkbox"/> I ALK 1 anaplastic lymphoma kinase-1 <input type="checkbox"/> I CD15 epithelial, myeloid, Reed-Sternberg cell <input type="checkbox"/> I CD30 Ki-1 activated T/B cell, Reed-Sternberg cell <input type="checkbox"/> I FASCIN Hodgkin lymphoma, Reed-Sternberg cells <input type="checkbox"/> I PAX 5 PAX-g, B cell transcription factor</p> <p>HISTOCHEMISTRY</p> <p><input type="checkbox"/> S ALBL alcian blue histochemistry stain <input type="checkbox"/> S MUCI mucicarmine histochemistry stain</p> <p><u>INFECTIOUS DISEASE MARKERS</u></p> <p><input type="checkbox"/> I CMV cytomegalovirus <input type="checkbox"/> I EBER ISH Epstein Barr virus early RNA by ISH <input type="checkbox"/> I HSV Herpes simplex virus type I, II <input type="checkbox"/> I PYLORI H. pylori <input type="checkbox"/> I VZV Varicella zoster virus</p> <p><u>KERATIN/EPITHELIAL MARKERS</u></p> <p>High molecular weight</p> <p><input type="checkbox"/> I CK5/6 cytokeratin 5/6, positive squamous, mesothelial <input type="checkbox"/> I CK HMW 34BE12, cytokeratin high molecular weight;</p> <p>Low molecular weight</p> <p><input type="checkbox"/> I CK7 cytokeratin 7, 54kD <input type="checkbox"/> I CAM5.2 cytokeratin 8 <input type="checkbox"/> I CK8 cytokeratin 8, 35BH11 <input type="checkbox"/> I CK8/18 cytokeratin 8/18 <input type="checkbox"/> I CK19 cytokeratin 19 <input type="checkbox"/> I CK20 cytokeratin 20</p> <p>Pankeratin/broad spectrum</p> <p><input type="checkbox"/> I EMA epithelial membrane antigen <input type="checkbox"/> I AE1/AE3 cytokeratin cocktail, PAN</p> <p>Other organ related</p> <p><input type="checkbox"/> I CDX2 colorectal carcinoma <input type="checkbox"/> I CEA carcinoembryonic antigen <input type="checkbox"/> I GALECT galectin-3, thyroid neoplasm, anaplastic LCL <input type="checkbox"/> I GCDFP15 gross cystic disease fluid protein 15 <input type="checkbox"/> I HEPAR1 hepatocyte antigen, liver <input type="checkbox"/> I INHIB inhibin, adrenal cortical, sex chord stromal, <input type="checkbox"/> I PLAP placental alkaline phosphatase, germ cell tumors <input type="checkbox"/> I RCC renal cell carcinoma <input type="checkbox"/> I THYRGLB thyroglobulin <input type="checkbox"/> I TTF1 thyroid transcription factor-1, lung, thyroid</p>	<p><u>MELANOCYTIC MARKERS</u></p> <p><input type="checkbox"/> I HMB 45 melanoma associated marker <input type="checkbox"/> I MC melanoma cocktail (HMB-45, MelanA) <input type="checkbox"/> I MELANA melanoma associated marker/Mart 1 <input type="checkbox"/> I S100 protein <input type="checkbox"/> I TYR tyrosinase</p> <p>Myoepithelial/Basal Markers/basement membrane</p> <p><input type="checkbox"/> I CALDSM caldesmon, smooth muscle <input type="checkbox"/> I CK5/P63 cytokeratin 5/P63, tumor suppressor gene <input type="checkbox"/> I P63NU p63 tumor suppressor gene protein nuclear <input type="checkbox"/> I SMM smooth muscle myosin</p> <p><u>NEUROENDOCRINE MARKERS/OTHER HORMONES</u></p> <p><input type="checkbox"/> I ANDRO androgen receptor <input type="checkbox"/> I CALCT calcitonin <input type="checkbox"/> I CHROGRAN chromogranin A <input type="checkbox"/> I GASTRIN G cell antral/pyloric mucosa <input type="checkbox"/> I NSE neuron-specific enolase <input type="checkbox"/> I SOMATO somatostatin, D cell pancreatic islet cells <input type="checkbox"/> I SYNPTP synaptophysin</p> <p><u>PROGNOSTIC OTHER</u></p> <p><input type="checkbox"/> I CATH D cathepsin D, breast carcinoma <input type="checkbox"/> I EGFR1 epidermal growth factor receptor (HER1) <input type="checkbox"/> I HER2 HER2/neu (IVD) <input type="checkbox"/> I MSI microsatellite instability: MLH1, MSH2, MSH6, PMS2 <input type="checkbox"/> I P53 tumor suppressor gene protein</p> <p><u>PROLIFERATION</u></p> <p><input type="checkbox"/> I KI67 (MIB-1) cell proliferation marker <input type="checkbox"/> I AKT protein kinase B</p> <p>Prostate marker/tumor cocktails</p> <p><input type="checkbox"/> I PIN2 cocktail (P504S, CK HMW) <input type="checkbox"/> I PIN4 cocktail (P504S, CK HMW, P63) <input type="checkbox"/> I PSA prostate specific antigen <input type="checkbox"/> I PSAP prostatic acid phosphorase <input type="checkbox"/> I P504S gene product (AMACR)</p> <p><u>SARCOMA/VASCULAR/NEURAL/FIBROHISTIOCYTIC/MUSCLE/GIST/STROMAL</u></p> <p><input type="checkbox"/> I CD10 common ALL antigen <input type="checkbox"/> I CD31 endothelial cells <input type="checkbox"/> I CD34 endothelial, stem cells, stromal cells <input type="checkbox"/> I CD99 Ewing sarcoma, PNET <input type="checkbox"/> I CD117 c-KIT, myeloid and mast cell <input type="checkbox"/> I DESMIN desmin filament protein <input type="checkbox"/> I DOG1 derived from GIST 1 <input type="checkbox"/> I FXIIIA factor XIIIa fibrohistiocytic, dendritic cells <input type="checkbox"/> I MSA muscle specific actin <input type="checkbox"/> I MYOGEN myogenin muscle marker <input type="checkbox"/> I MYOGLB myoglobin cardiac, skeletal <input type="checkbox"/> I PDGFR platelet derived growth factor receptor alpha <input type="checkbox"/> I S100 protein <input type="checkbox"/> I SMA smooth muscle actin <input type="checkbox"/> I SMM smooth muscle myosin <input type="checkbox"/> I VIM vimentin</p> <p><u>TUMOR MARKERS/OTHER</u></p> <p><input type="checkbox"/> I AFP alpha fetoprotein, yolk sac, hepatoma <input type="checkbox"/> I CA19 9 pancreas, liver, ovary, lung <input type="checkbox"/> I CA125 pithelioid malign. ovary, adenocarcinoma, Breast <input type="checkbox"/> I SRV Survivin</p>
--	--	---