

DERMATOPATHOLOGY REQUISITION FORM

THIS SECTION FOR PHENOPATH USE ONLY

DERM

CLINICAL SPECIMEN INFORMATION

Hosp/Inst where specimen collected _____
Collection Date _____ Collection Time _____
Specimen ID _____ Block # / sublabel _____ Tissue Source(s) _____

Paraffin blocks: Tissue block(s) _____ Cell block(s) _____
 Formalin Bouin's B5 Prefer Michel's (skin IF TM) Other
 Slides: Unstained _____ Stained _____

Multiple specimens submitted: Test all Select best block

CLINICAL HX / DX UNDER CONSIDERATION / REQUEST

Perform & interpret tests determined medically necessary by PhenoPath MDs
 Perform & interpret only test(s) as requested

IMMUNOFLUORESCENCE (IF)

Direct IF (Skin, oral mucosa...) Indirect (serum) Salt Split

IMMUNOHISTOCHEMISTRY (IHC)

PhenoPath pathologists, based on their medical judgment, will select antibodies that are necessary to answer your clinical question.

Basal cell v. squamous cell carcinoma
 Metastatic carcinoma of unknown primary
 Metastatic carcinoma v. primary skin carcinoma
 Dermal spindle cell tumor r/o _____
 Evaluate for lymphoma/plasmacytoma
 Evaluate for lymphoma vs. pseudolymphoma
 Evaluate for leukemia cutis
 Evaluate for Langerhans cell histiocytosis
 Evaluate for mastocytosis
 Other (specify) _____

FLUORESCENCE IN SITU HYBRIDIZATION (FISH)

IGH (14q32) translocations (breakapart) _____ # FISH0015
 t(14;18) IGH/BCL2 _____ # FISH0005
 t(11;14) CCND1/IGH _____ # FISH0002
 t(11;18) MALT1/API2 _____ # FISH0003
 MALT1 (18q21) translocations (breakapart) _____ # FISH0007
 t(14;18) IGH/MALT1 _____ # FISH0008
 MYC panel (FISH0009, FISH0015) _____ # PANL9101
 BCL6 (3q27) translocations (breakapart) _____ # FISH0018
 Other (list): _____

FLOW CYTOMETRY (FRESH TISSUE)

Diagnosis under consideration:

Lymphoma/mature LPD: Select one: B cell T cell Both B & T cell
 Plasma cell neoplasm
 Leukemia cutis Other: _____

GENE REARRANGEMENT STUDIES BY PCR

B cell (IgH) T cell (TCR-γ) Combine multiple blocks

REQUESTING INSTITUTION NAME & ADDRESS

Phone _____ FAX _____

Ordering Pathologist/Physician

Name _____ NPI # _____

PATIENT INFORMATION

Name (Last, First, MI) _____

SSN # _____ DOB _____ Male Female

Inpatient Outpatient Non-Hospital Patient

Address _____

Phone _____

Medical Record # _____ Pt # _____

TREATING PHYSICIAN

Name _____ NPI # _____

Mail/Fax add'l copy of report to treating physician
Complete information REQUIRED BELOW

Phone _____ Fax _____

Institution _____

Address _____

City, State Zip _____

**BILLING INFO (Must be provided or Institution will be billed)
Please complete or attach copy of insurance card**

BILL: Ins Medicare Medicaid (WA DSHS only) Institution Pt

Referral/Authorization # _____

Medicare # _____ ICD-9 # _____

Advance Beneficiary Notice Yes (provide copy) No

Healthplan _____

Address _____

Policy/Cert # _____ Group/Plan # _____

Name of Insured _____ Relationship _____

Secondary Insurance Yes (Please attach separate sheet) No

REQUIRED

Person completing form _____

Date _____ Phone _____

Send: REQS: DERM HEME HEMEONC MOL PATH

PhenoBoxes Flow Media (RPMI) IF Media (Michel's)

DO NOT ORDER TESTS ON THIS SIDE – ORDER TESTS ON FRONT SIDE

<p>Carcinoma bcl-10 CD10 (CALLA) CD30 (embryonal) CDX-2 CEA (CD66E) CEA family (CD66) Chorionic gonadotropin Chromogranin A Cytokeratins 1/10 (34βB4) Cytokeratins 5/6 Cytokeratin 7 Cytokeratin 8 Cytokeratin 17 Cytokeratin 19 Cytokeratin 20 Cytokeratin, high MW (34βE12) Cytokeratins (pan) EMA *EpCAM Estrogen receptor (ER) Galectin-3 GCDFP-15 (Brst2) Glypican-3 (GPC3) HBME-1 HepPar1 Inhibin-alpha Mammaglobin p63 p504s (AMACR) PAX-2 PAX-8 Progesterone receptor (PR) Prostate specific antigen Prostatic acid phosphatase Smoothelin Surfactant ApoA1 Synaptophysin TFE3 Thyroglobulin TTF-1 Uroplakin Villin Vimentin WT-1</p> <p>Hormones ACTH Calcitonin FSH Gastrin Glucagon Growth hormone Insulin Leutinizing hormone Pancreatic polypeptide Parathormone (PTH) Prolactin Serotonin Somatostatin Thyroid stimulating hormone VIP</p> <p>Spindle cell & SBRCT lesions /Undifferentiated neoplasms Actin, muscle specific (HHF-35) Actin, smooth muscle alpha Beta-catenin Caldesmon c-kit (CD117) CD31 CD34 CD35 CD99 CD117 (c-kit) Collagen, type IV D2-40 (podoplanin)</p>	<p>Spindle cell & SBRCT lesions/Undifferentiated neoplasms (continued) Desmin DOG1 EMA FLI-1 gp100 (HMB-45) INI-1 Ki-67 antigen MyoD1 Myogenin Myoglobin NB84 antigen p75NTR Podoplanin (D2-40) S100 TFE3 TLE-1 WT-1</p> <p>Prognostic markers Androgen receptor Cyclo-oxygenase-2 (COX2) EGFR (31G7) by IHC EGFR by FISH Estrogen receptor (ER) HER2 by FISH HER2 by IHC HER2HercepTest™ by IHC Ki-67 antigen p53 Progesterone receptor (PR) Thymidylate synthase Topoisomerase II α by FISH Topoisomerase II α by IHC VEGF</p> <p>Hematolymphoid +ALK protein (p80) bcl-2 +bcl-6 +Bob-1 c-kit (CD117) CD1a CD2 CD3 CD4 CD5 CD7 CD8 *CD9 CD10 (CALLA) *CD11c *CD13 *CD14 CD15 *CD16 *CD19 CD20 +CD21 CD22 CD23 CD25 (IL-2 R β) CD30 (Ki-1 antigen) +CD31 *CD33 CD34 +CD35 *CD38 *CD41 +CD43 CD45 (LCA) CD52 (CAMPATH 1H) CD56 (NCAM) +CD57 *CD59</p>	<p>Hematolymphoid (continued) * CD61 * CD64 * CD66b +CD68 * CD71 CD79a * CD90 CD99 * CD103 CD117 CD123 * CD133 +CD138 * CD158a * CD158b * CD158e + CD163 + CXCL13 + Cyclin D1 +DBA.44 (Hairy Cell) +Fascin * FMC7 + FOXP1 + GCET +Glycophorin A +Hemoglobin A * HLA-DR +IgA +IgD +IgG +IgG4 +IgM Kappa light chains +Ki-67 antigen Lambda light chains +Lysozyme +MUM1 Myeloperoxidase +Oct-2 +Pan-TCR-β +PAX-5 * TCR-α/β * TCR-β isoforms (24 antibodies) * TCR-γ/δ TdT +TIA-1 +TRAcP +Tryptase +vWF ZAP-70</p> <p>Breast Androgen receptor Calponin E-cadherin Estrogen receptor (ER) HER2 by FISH HER2 by IHC HER2 HercepTest™ Ki-67 Maspin p63 Progesterone receptor (PR) SMMHC Topoisomerase II α by FISH Topoisomerase II α by IHC</p> <p>Germ Cell Markers AFP βHCG CD30 Cytokeratins (pan) Inhibin-alpha Oct-3/4</p>	<p>Germ Cell Markers (cont) Placental lactogen PLAP</p> <p>Organisms Adenovirus BK virus Chlamydia Cytomegalovirus EBV (EBER1 ISH) EBV-LMP1 Helicobacter pylori Hepatitis B core Ag Hepatitis B surface Ag Herpes virus HHV8 (human Herpes virus 8 - KSHV) JC virus Legionella p16 (surrogate marker for high-risk HPV) Parvovirus Pneumocystis Polyomavirus Respiratory syncytial virus SV-40 virus Toxoplasma Varicella zoster</p> <p>Microsatellite Instability MLH1 MSH2 MSH6 PMS2</p> <p>Melanoma gp100 (HMB-45) MART-1 antigen Microphthalmia transcription factor (MTF) S100 Tyrosinase</p> <p>Amyloid Subtyping @ Amyloid A (AA) @ Amyloid Beta @ Amyloid P (P component) @ Beta-2 microglobulin Congo Red (sp. stain) @ Kappa @ Lamda @ Transthyretin (prealbumin)</p> <p>Adenocarcinoma versus mesothelioma Ber-Ep4 Bg8 Calretinin Cytokeratins 5/6 D2-40 (podoplanin) HBME-1 Mesothelin MOC-31 Thrombomodulin WT-1</p> <p>Miscellaneous Alpha-1 antitrypsin Androgen receptor Caspase 3 fragment GFAP (glial fibrillary acidic protein) Mitochondria Neurofilaments p16 p21-WAF1 p53 p57 Vimentin</p>	<p>Floater/tissue Contaminant Blood group A Blood group B CEP-X/CEP-Y (FISH0012)</p> <p>Direct Immunofluorescence (DIF) (skin...) Complement (C3) IgA IgG IgM</p> <p>Indirect Immunofluorescence (IIF) (serum required)</p> <p>Salt-Split Skin Immunofluorescence from serum from skin/mucosa bx</p> <p>FISH Tests & Panels</p> <table border="0"> <tr><td>1p36/19q13-Oligodendroglioma</td><td>FISH0013</td></tr> <tr><td>EGFR/CEP7</td><td>FISH0016</td></tr> <tr><td>EWSR1 (22q12) trans (BAP)</td><td>FISH0004</td></tr> <tr><td>HER2/CEP17 (PathVysion™)</td><td>FISH0001</td></tr> <tr><td>MDM-2/SE12</td><td>FISH0023</td></tr> <tr><td>TP53/CEP17</td><td>FISH0024</td></tr> <tr><td>SMS/RARA</td><td>FISH0022</td></tr> <tr><td>SS18(SYT)-translocations (BAP)</td><td>FISH0006</td></tr> <tr><td>TOP2A/CEP17</td><td>FISH0017</td></tr> <tr><td>BCL6 translocations (BAP)</td><td>FISH0018</td></tr> <tr><td>§ IgH (14q32) translocations (BAP)</td><td>FISH0015</td></tr> <tr><td>MALT1(18q21)translocations (BAP)</td><td>FISH0007</td></tr> <tr><td>§ MYC (8q24) translocations (BAP)</td><td>FISH0009</td></tr> <tr><td>§ t(4;14) FGFR3/IGH</td><td>FISH0020</td></tr> <tr><td>§ t(11;14) CCND1/IGH</td><td>FISH0002</td></tr> <tr><td>t(14;18) IGH/MALT1</td><td>FISH0008</td></tr> <tr><td>t(14;16) IGH/MAF</td><td>FISH0027</td></tr> <tr><td>t(11;18) MALT1/API2</td><td>FISH0003</td></tr> <tr><td>§ t(14;18) IGH/BCL2</td><td>FISH0005</td></tr> <tr><td>§ t(9;22) BCR/ABL</td><td>FISH0010</td></tr> <tr><td>√ MLL (11q23) translocations (BAP)</td><td>FISH0014</td></tr> <tr><td>√ t(15;17) PML/RARA</td><td>FISH0011</td></tr> <tr><td>§ RARA(17q21) translocations (BAP)</td><td>FISH0019</td></tr> <tr><td>CEP-X / CEP-Y</td><td>FISH0012</td></tr> <tr><td><u>Hydatidiform Mole Panel</u></td><td><u>PANL9104</u></td></tr> <tr><td>(CEP17FISH, p57IHC, MIB1IHC)</td><td></td></tr> <tr><td>§ <u>MYC Panel (FISH0009, FISH0015)</u></td><td><u>PANL9101</u></td></tr> <tr><td>√ <u>CLL Panel</u></td><td><u>PANL9102</u></td></tr> <tr><td>√ <u>APL Panel (FISH0011, FISH0019)</u></td><td><u>PANL9103</u></td></tr> </table> <p>CISH Tests EBV (EBER1 mRNA) CISH0001</p> <p>PCR</p> <p>GENE REARRANGEMENT: B cell (IGH) PCR0001 T cell (TCR-γ) PCR0002</p> <p>MUTATIONAL ANALYSIS BRAF PCR0004 EGFR PCR0007 JAK2 PCR0003 KRAS PCR0005 KRAS/BRAF Panel PANL9105</p>	1p36/19q13-Oligodendroglioma	FISH0013	EGFR/CEP7	FISH0016	EWSR1 (22q12) trans (BAP)	FISH0004	HER2/CEP17 (PathVysion™)	FISH0001	MDM-2/SE12	FISH0023	TP53/CEP17	FISH0024	SMS/RARA	FISH0022	SS18(SYT)-translocations (BAP)	FISH0006	TOP2A/CEP17	FISH0017	BCL6 translocations (BAP)	FISH0018	§ IgH (14q32) translocations (BAP)	FISH0015	MALT1(18q21)translocations (BAP)	FISH0007	§ MYC (8q24) translocations (BAP)	FISH0009	§ t(4;14) FGFR3/IGH	FISH0020	§ t(11;14) CCND1/IGH	FISH0002	t(14;18) IGH/MALT1	FISH0008	t(14;16) IGH/MAF	FISH0027	t(11;18) MALT1/API2	FISH0003	§ t(14;18) IGH/BCL2	FISH0005	§ t(9;22) BCR/ABL	FISH0010	√ MLL (11q23) translocations (BAP)	FISH0014	√ t(15;17) PML/RARA	FISH0011	§ RARA(17q21) translocations (BAP)	FISH0019	CEP-X / CEP-Y	FISH0012	<u>Hydatidiform Mole Panel</u>	<u>PANL9104</u>	(CEP17FISH, p57IHC, MIB1IHC)		§ <u>MYC Panel (FISH0009, FISH0015)</u>	<u>PANL9101</u>	√ <u>CLL Panel</u>	<u>PANL9102</u>	√ <u>APL Panel (FISH0011, FISH0019)</u>	<u>PANL9103</u>
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For the most up-to-date listing of tests, see our website: www.phenopath.com

All of the above listed tests can be performed on paraffin-embedded tissue sections, with the following exceptions:

1. CD52 testing requires fresh tissue specimens.
2. Hematolymphoid tests – can be run by either IHC or flow, except as follows:
 * = Performed by flow cytometry only and requires fresh specimens
 + = Performed by IHC only and can be performed on paraffin-embedded tissue sections
 @ Please also submit 8 μm section for correlative Congo Red stain
3. DIF testing requires tissue in Michel's, and IIF testing requires serum.
4. FISH tests are run on formalin-fixed, paraffin-embedded sections, except as follows:
 √ = Requires fresh specimens
 § = Can be performed on either fresh or formalin-fixed, paraffin-embedded tissues
 BAP = breakapart probe