

SOLID TUMOR/LYMPH NODE CYTOGENETICS REQUEST

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Patient Name:		Pathology resident:
Hospital #:	DOB:	
Pathology #:	CSN #:	
Receipt Date:		Pathology senior attending:
Submitting Physician:		
Physician's ID:		
Physician Signature:		
Clinical indication/Differential Diagnosis:		

ICD-10 Code (REQUIRED):

Karyotype Only ____ **Karyotype and FISH** ____ **FISH Only (specify probe(s))**

<p>SNP Microarray on FFPE:</p> <p>Specimen Type: <input type="checkbox"/> CNS tumor <input type="checkbox"/> Mesothelioma <input type="checkbox"/> Renal tumor <input type="checkbox"/> Bone or soft tissue tumor</p> <p>Paraffin Block #: _____</p> <p>Percent Tumor (%) (minimum 50%) _____</p> <p>Percent Necrosis (%): _____</p> <p>Submit: (1) Corresponding H&E slide must be marked (if <90% tumor) (2) 50 µM section OR 10-15 unstained slides (unbaked)</p> <p>- Submit extra material if tissue < 1cm² (3) Extra material if tissue < 0.5cm²</p>	<p>Individual Probes:</p> <p>Solid Tumors:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <i>FOXO1 (FKHR) 13q14</i> <i>TFE3 Xp11.2</i> <i>EWSR1 22q12</i> <i>FUS 16p11</i> <i>JAZF1 7p15</i> <i>PDGFB 22q13</i> <i>MYB 6q23</i> <i>MAML2 11q21</i> <i>MET 7q31</i> <i>EGFR 7p11</i> <i>YWHAE 17p13</i> </td> <td style="width: 50%; border: none;"> <i>ALK 2p23</i> <i>DDIT3 (CHOP) 12q13</i> <i>MDM2 12q15</i> <i>ETV6 12p13</i> <i>ROS1 6q22</i> <i>IGH/MYC+8 t(8;14)</i> <i>RET 10q11</i> <i>NR4A3 9q22</i> <i>HMGA2 12q14</i> <i>BCL2 18q21</i> <i>CIC 19q13</i> </td> </tr> </table> <p>Neuroblastoma: <i>MYC-N 2p24</i> Germ cell tumor: <i>i(12p)</i> Pilocytic astrocytoma: <i>BRAF 7q34</i> ALK Lung: <i>ALK 2p23</i> Midline carcinoma: <i>NUT/BRD4 t(15;19)</i>, <i>NUTM1 15q14</i></p> <hr/> <p>Lymphomas:</p> <p>Non-Hodgkin Lymphoma: <i>IGH 14q32</i> Mantle Cell Lymphoma: <i>CCND1/IGH t(11;14)</i> Follicular Lymphoma: <i>IGH/BCL2 t(14;18)</i> Burkitt Lymphoma: <i>MYC 8q24</i> Diffuse Large Cell Lymphoma: <i>BCL6 3q27</i>, <i>IGH/BCL2 t(14;18)</i> Anaplastic Large Cell Lymphoma: <i>ALK t(2p23)</i> MALT Lymphoma: <i>MALT 1 18q21</i></p>	<i>FOXO1 (FKHR) 13q14</i> <i>TFE3 Xp11.2</i> <i>EWSR1 22q12</i> <i>FUS 16p11</i> <i>JAZF1 7p15</i> <i>PDGFB 22q13</i> <i>MYB 6q23</i> <i>MAML2 11q21</i> <i>MET 7q31</i> <i>EGFR 7p11</i> <i>YWHAE 17p13</i>	<i>ALK 2p23</i> <i>DDIT3 (CHOP) 12q13</i> <i>MDM2 12q15</i> <i>ETV6 12p13</i> <i>ROS1 6q22</i> <i>IGH/MYC+8 t(8;14)</i> <i>RET 10q11</i> <i>NR4A3 9q22</i> <i>HMGA2 12q14</i> <i>BCL2 18q21</i> <i>CIC 19q13</i>
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<p>5 µM Paraffin FISH:</p> <p>Paraffin Block #: _____</p> <p>Consult from OSH: NO YES</p> <p>OSH Block #: _____</p> <p>Percent Tumor (%): _____</p> <p>For 5 µM sections, submit: (1) Corresponding H&E tumor must be marked even if 100% tumor. (2) Two (2) slides (unbaked, + charged)</p>			