

SOLID TUMOR/LYMPH NODE CYTOGENETICS REQUEST

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Patient Name:		Pathology resident processing specimen:	
Hospital #:	Client #:		
Pathology #:	Lab Control #:		
Receipt Date:	CSN #:		
Submitting Physician:		Pathology senior attending:	
Physician's ID:			
Physician Signature:			
Differential Diagnosis:			
ICD-10 Code:			
Test Requested:			
Routine Karyotype	Routine Karyotype and/or FISH	FISH only	
Microarray:	FISH (Fluorescence <i>In Situ</i> Hybridization) Must specify Probe(s) or Chromosome(s) of		
Specimen Type: <input type="checkbox"/> CNS tumor (FFPE) <input type="checkbox"/> Mesothelioma (FFPE or Fresh) <input type="checkbox"/> Renal tumor (FFPE)	Individual Probes:		
Paraffin Block #: _____ Percent Tumor (%): _____ Percent Necrosis (%): _____	<i>FOXO1(FKHR)</i> 13q14 <i>TFE3</i> Xp11.2 <i>EWSR1</i> 22q12 <i>FUS</i> 16p11 <i>JAZF1</i> 7p15 <i>PDGFB</i> 22q13	<i>ALK2</i> p23 <i>DDIT3 (CHOP)</i> 12q13 <i>MDM2</i> 12q15 <i>ETV6</i> 12p13.2 <i>SS18(SYT)</i> 18q11.2	
Submit: - Corresponding H&E tumor must be marked -50um section (100um for cytology), OR 10-15 unstained slides -Submit extra material if tissue < 1cm ²	FISH Panels:		
Paraffin FISH:	Chromophobe RCC: monosomes Clear cell RCC: 3p- Papillary RCC: trisomies 7,17 Germ cell tumor: i(12p) Pilocytic astrocytoma: <i>BRAF</i> (4μ only) <i>ALK</i> Lung: (4μ only) Midline carcinoma: <i>NUT/BRD4</i> t(15;19) (4μ only)	Neuroblastoma: <i>MYCN</i> , 1p/1q, <i>MLL</i> Oligodendroglioma: 1p-/19q- Mesothelioma: 9p-/22q-	
Paraffin Block #: _____ Sections: 5um 50um Consult from OSH: NO YES OSH Block #: _____	Lymphomas:		
For 5uM sections, submit: (1) Corresponding H&E tumor must be marked even if 100% tumor (2) Two (2) slides (unbaked, + charged)	Non-Hodgkin Lymphoma: <i>IGH</i> t(14q32) Mantle Cell Lymphoma: <i>CCND1/IGH</i> t(11;14) Follicular Lymphoma: <i>IGH/BCL2</i> t(14;18) Burkitt Lymphoma: <i>MYC</i> t(8q24) Diffuse Large Cell Lymphoma: <i>BCL6</i> t(3q27), <i>IGH/BCL2</i> t(14;18) Anaplastic Large Cell Lymphoma: <i>ALK</i> t(2p23) MALT Lymphoma: <i>MALT 1</i> t(11;18), t(14;18) Splenic Marginal Zone Lymphoma: <i>D7S486/D7Z1</i> 7q- Hepatosplenic T-cell Lymphoma: <i>D7S486/D7Z1</i> i(7)(q10)		
For 50 uM sections, submit: (1) Corresponding H&E tumor must be marked even if 100% tumor (2) Three to five (3-5) sections (3) Estimate tumor percentage: ** Specify probes(s) or chromosome(s) of interest			