

PARAFFIN SECTION FISH LABORATORY REQUEST FORM

Histology Details		Patient Details	
Histology No:		Surname	
Block No:		First Name/s:	
Site / Tissue Type:		D.O.B.:	
MAP episode number:		NHI:	
Biopsy Collection Date:		DHB of Domicile:	
Requesting Consultant & Registrar:		Date:	
Referral Reason:		(please circle) Core / Resection	

Target cells throughout section Target cells marked on H & E

- All paraffin section FISH cases should be accompanied by an H & E slide with the area to be FISHED marked.
- 3 slides are required per probe unless otherwise indicated below.
- Paraffin sections should be cut at 2-4 microns AND **DEWAXED**.
- Ideal fixation time is 6 - 48 hours. Longer or shorter times may adversely affect probe hybridisation.

URGENT

ROUTINE

Oncology Probes	
Lymphoma	
ALK BAP – 2p23 <small>ALCL / NSCLC</small>	<input type="checkbox"/>
BCL2 BAP – 18q21 <small>Follicular Lymphoma / DHL / THL</small>	<input type="checkbox"/>
BCL6 BAP – 3q27 <small>Follicular Lymphoma / DLBCL / DHL / THL</small>	<input type="checkbox"/>
CCND1 BAP – 11q13.3 <small>MCL/MM/Plasmacytoma</small>	<input type="checkbox"/>
IGH BAP – 14q32 <small>B-cell Lymphoma</small>	<input type="checkbox"/>
MALT1 BAP – 18q21 <small>MALT Lymphomas</small>	<input type="checkbox"/>
MYC BAP – 8q24 <small>Burkitt Lymphoma / DLBCL / DHL / THL</small>	<input type="checkbox"/>
TR α / Δ BAP – 14q11 <small>T-cell Leukemia / Lymphoma</small>	<input type="checkbox"/>
TR β BAP – 7q34 <small>T-cell Leukemia / Lymphoma</small>	<input type="checkbox"/>
OTHER please specify:	<input type="checkbox"/>

Soft Tissue Tumours	
1p36 / 1q25, 19p13 / 19q13 LSI <small>Oligodendroglioma</small>	6 slides <input type="checkbox"/>
EGFR / CEP7 LSI – 7p12 / 7p11.1-q11.1 <small>Brain Tumours</small>	<input type="checkbox"/>
DDIT3 BAP – 12q13.3 <small>Myxoid Liposarcoma, Round Cell, Mixed Liposarcoma</small>	<input type="checkbox"/>
EWSR1 BAP – 22q12 <small>Ewing's Sarcoma</small>	<input type="checkbox"/>
FOXO1 BAP – 13q14 <small>Alveolar Rhabdomyosarcoma</small>	<input type="checkbox"/>
FUS BAP – 16p11 <small>Soft Tissue Sarcomas (STS)</small>	<input type="checkbox"/>
ERBB2 (HER2) / CEP17 LSI – 17q21-22 / 17p11.1-q11.1 <small>Breast & Lung Cancer</small>	<input type="checkbox"/>
MDM2 / CEP12 LSI – 12q15 / 12p11.1-q11.1 <small>Soft Tissue Sarcoma</small>	<input type="checkbox"/>
MYCN / CEP2 LSI – 2p24 / 2p11.1-q11.1 <small>Neuroblastoma</small>	<input type="checkbox"/>
ROS1 BAP – 6q22 <small>Lung Cancer</small>	<input type="checkbox"/>
SS18 BAP – 18q11.2 <small>Synovial Sarcoma</small>	<input type="checkbox"/>
TFE3 BAP – Xp11.2 <small>Renal Cell Carcinoma (RCC), Alveolar Soft Part Sarcoma (ASPS)</small>	<input type="checkbox"/>
OTHER please specify:	<input type="checkbox"/>

PLEASE NOTE: Break-apart and enumeration FISH probes are optimal for paraffin FISH analysis and will be used in preference to dual fusion probes. If dual fusion probe FISH is required, such as IGH/CCND1, please contact the laboratory.

Prenatal Probes	
AneuVysion common aneuploidy 13 / 21 LSI, CEP18 / CEPX / CEPY (13q14 / 21q22.13-q22.2), (18p11.1-q11.1 / Xp11.1-q11.1 / Yp11.1-q11.1)	6 slides <input type="checkbox"/>