

Veterinary Laboratory Services-Immunohistology Submission Form

Please send the sample to: Veterinary Pathology
School of Veterinary Science
University of Liverpool Leahurst Campus
Chester High Road
Neston, CH64 7TE
Tel: 0151 795 6294 Fax: 0151 795 6295
Email: vpserve@liverpool.ac.uk

For Laboratory use only

Path Lab No

Received

Owner Name
Animal Name Hosp. No.
Species Age
Breed Sex

Veterinary Surgeon:

Practice Name & Address:

Clinical information, including anatomical location:

Phone/Fax:

Email:

NO INTERPRETATION

RAPID 48h SERVICE*



Please indicate below which immunohistological test is required:

CELL PHENOTYPE MARKERS

Lymphoid	1	CD3	
	2	CD79a (c)	
	3	CD45R (f)	
	4	PAX-5	
	5	CD20	
	6	MUM-1	
Histiocytic / Myeloid	7	Iba 1	
	8	Canine CD18 (c)	
	9	CD11d (c)	
	10	Myeloid/Histiocyte Ag	
Mastcell	11	Lysozyme	
	12	MHC II antigen	
	13	Myeloperoxidase	
Mesenchymal	14	Mast cell tryptase	
	15	C-Kit (CD117)	
	16	Vimentin	
	17	Desmin	
	18	Alpha Smooth Actin	
	19	Myoglobin	
	20	Factor VIII	
	21	My32 (Type II myofibres)	
Malanocytic / Neural	22	Melan A	
	23	PNL-2	
	24	S-100	
	25	Neurofilament	
	26	GFAP	

Endoc.	27	Synaptophysin	
	28	Chromogranin A	
Epithelial	29	Pan-Cytokeratin (AE1/AE3)	
	30	Cytokeratin 7	
	31	High Mol.Weight	
	32	Low Mol.Weight CK (AE1)	
	33	E-Cadherin	
	34	TTF 1 (Thyroid transcr. fact)	

Infectious Agents

35	Feline Coronavirus (FCoV)	
36	Feline Calicivirus (FCV)	
37	Feline Herpesvirus (FHV)	
38	Feline Leukaemia Virus (FeLV)	
39	Fel/Can Parvovirus (FPV/CPV)	
40	Canine Distemper Virus (CDV)	
41	Canine Adenovirus 1 (CAV1)	
42	<i>Toxoplasma gondii</i>	
43	<i>Neospora caninum</i>	
44	<i>Anaplasma phagocytophilum</i>	
45	<i>Helicobacter spp.</i>	
46	<i>Entamoeba histolytica</i>	

(c)=canine (f)=feline : only

Research and Teaching Statement

"I realise that in submitting this material I agree to its potential use for teaching and/or research by the University"

* samples need to be received by 1 pm on the first day and will be reported by 5pm of the third day. 60£ cost to add to normal fees.

** tests are submitted to an external lab.

Phenotype suggested PANELS

A	Round Cell Tumour (excluding melanoma) 5 Abs: 1,2(c)/3(f),6,7,15	
C	Histiocytic Sarcoma vs Sarcoma 2 Abs: 7,16	
D	GIST vs Leio vs non-GIST/non-Leio 5 Abs: 15, 16,17,18, 24	
E	Lymphoma phenotype (Full) 4 Abs: 1,2(c)/3(f), 4, 5	
G	Melanoma vs Sarcoma/Carcinoma 5 Abs (22,23,24,16,29)	
H	Haemangiosarcoma vs Sarcoma 2 Abs (16, 20)	
I	<u>Other custom panels:</u> please contact us at: vpserve@liverpool.ac.uk	

Prognostic / Predictive Markers

Oral / Cutaneous Melanoma (c): Ki-67 <input type="checkbox"/> & COX-2 <input type="checkbox"/>
Mammary Carcinoma: COX-2 (c,f): <input type="checkbox"/> & Ki-67 (f) <input type="checkbox"/>
Appendicular Osteosarcoma (c):COX-2
Dermal/Subcutaneous Mast cell tumour(c): Ki-67 <input type="checkbox"/> & KIT <input type="checkbox"/>
PCR for Oncology (no IHC)
Lymphoma: PARR clonality** <input type="checkbox"/>
MCT: KIT mutation** <input type="checkbox"/>

INTRA-VITAM Diagnosis of FIP

Air dried smears	
Fluid: fixed pellet	
Fluid: native	