



UNIVERSITY OF GEORGIA Histology Laboratory

Department of Pathology
College of Veterinary Medicine
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**For same day specials and IHC,
requests must be received by 9am.**

**Custom services available
upon request.**

Submission Date: _____

Accession #: _____

*If requesting multiple accessions, please include a list or
spreadsheet on a separate page.*

Clinic or Department Name: _____

Address: _____

Block #: _____

City, State, Zip: _____

Species: _____

Billing Email: _____

Breed: _____

Histology Account No: _____

Pathologist/Requestor: _____

UGA Only – Speedtype or Chartstring: _____

Email: _____

All sections are cut at 4um unless otherwise specified

Routine Histology

Process, Embed, Sectioning

H&E

Unstained

Process, Embed Only (no sectioning)

Process Only (no embed or sectioning)

Embed only or Re-Embed

Deparaffinization of Precut Slides

Coverslip Only

Scrolls for PCR - five 20um scrolls per tube

Recut paraffin embedded block

H&E

Unstained

Serial Sections (3 consecutive sections)

H&E

Unstained

Step Sections (3 sections, each 12um apart)

H&E

Unstained

Unstained Probe-On Slides

**Commonly used for ISH, RNAscope, etc.*

H&E Staining of Precut Slides

Frozen Section, H&E Stain

Frozen Section, Unstained

Frozen Section, Special Stain

Select special stains below

Quantity: _____

Special Stains

Acid Fast Bacteria, Ziehl-Neelsen (AFB)

Acid Fast Bacteria, Modified (mAFB)

AgNOR

Alcian Blue/PAS

Alcian Blue, pH 1.0

Alcian Blue, pH 2.5

Alizarin Red S for Calcium

Congo Red, Bennhold's, 8um

Copper

Cresyl Echt Violet, 8um

Fontana-Masson

Fraser-Lendrum for Fibrin

Giemsa

Gimenez

Gomori Stain for Reticular Fibers

Gram Stain, Modified Brown-Hopps

Grimelius

Grocott's Methenamine Silver (GMS)

GMS for Pythium

Hall's Stain for Bile

Helicobacter Pylori, Modified

Luna Stain for Eosinophils, 6um

Luxol Fast Blue/Cresyl Echt Violet, 8um

Luxol Fast Blue/PASH, 6um

Jones Basement Membrane, 3um

Masson's Trichrome

Mayer's Mucicarmine

Melanin Bleach w/H&E

Melanin Bleach w/Fast Red

Methyl Green-Pyronin Y (available until 12/31/26)

Oil Red O (Frozen Section), 8um

Okajima

PAS Diastase (2 slides, 1 w/ & 1 w/o diastase)

PASH/Masson's Trichrome Combo

Periodic Acid Schiff (PAS) Fungal

Hematoxylin

Fast Green

Periodic Acid Schiff (PAS) Basement
Membrane, 3 um

Hematoxylin

Fast Green

Perl's Iron

Picosirious Red for Collagen I & III

PTAH for Muscle Striations & Fibrin

Safranin O for Cartilage

Sudan IV for Lipids (FFPE or Frozen Section)*

Toluidine Blue

Verhoeff van Gieson Stain for Elastic

Von Kossa Stain for Calcium

Warthin Starry

* FFPE tissues lose lipids during processing and often stain negative.
Frozen, unprocessed tissues are preferred.

Plant Histology

Process, Embed, Toluidine Blue

Process, Embed, Safranin w/Fast Green

For Lab Use Only

Process: _____ Research #: _____ # of Slides: _____ Date Completed: _____

Embed: _____ Tech: _____ # of Controls: _____ Date Billed: _____

Research submissions must be given a histology research number. Research samples are run overnight Monday-Thursday in the order in which they are received.

Immunohistochemistry

All antibodies validated on canine tissue, unless otherwise specified

Infectious Disease Markers

Aspergillus	Coronavirus Group II (Bovine, Elk, Porcine)	Neospora caninum
Bartonella henselae	Coronavirus SARS-COV-2 (COVID)	Papillomavirus (HPV)
Blastomyces	Cryptosporidium parvum*	Parvovirus, Canine/Feline*
Borrelia burgdorferi	Duck Viral Enteritis (DVE)	Rabies
Bovine Herpesvirus 1 (IBR)	Eastern Equine Encephalitis (EEE)	Monoclonal
Bovine Respiratory Syncytial Virus (BRSV)	Epizootic Hemorrhagic Disease Virus (EHDV-2)#	Polyclonal
Bovine Viral Diarrhea Virus (BVDV)	Feline Herpesvirus Type I	Rabbit Hemorrhagic Disease (RHDV)
Campylobacter spp.	Francisella tularensis (Tularemia)	Sarcocystis neurona*
Canine Adenovirus Type 1	Histoplasma	Toxoplasma gondii
Canine Distemper Virus/Morbillivirus (CDV)	Influenza A	Vaccinia (Monkey Pox)
Chlamydia	Monoclonal	Wellfleet Bay Virus
Monoclonal	Polyclonal	West Nile Virus (WNV)
Polyclonal	Leptospira spp.	
Coccidioides	Listeria monocytogenes	
Coronavirus Group I (Canine, Feline, Ferret)		

*May cross-react with other related species

#Likely to cross-react with other serotypes

Tumor/Tissue/Cell Markers

A20/TNFAIP3	Desmin	Neuron Specific Enolase (NSE)
ACTH	Doublecortin (DCX)	NOS2
Alpha Fetoprotein	E-Cadherin	OLIG2
Alpha Melanocyte Stimulating Hormone	EGFR (Epidermal Growth Factor Receptor)	Osteonectin (hSPARC)
Calcitonin	Factor VIII related antigen	PAX-5
Calretinin	Factor XIII A	PCNA (Proliferating Cell Nuclear Agent)
Caspase 3, Cleaved	Factor XIII B	PDL-1
CD117, C-Kit	FoxP3	PGP 9.5
CD11d	GFAP (Glial Fibrillary Acidic Protein)	PNL2
CD14	Glucagon	PTH (Parathyroid Hormone)
CD18 Canine	GranzymeB	PTH-rp (Parathyroid Hormone Related Peptide)
CD18 Feline	Her2	PROX-1
CD20	Hepatocyte Specific Antigen (HSA)	Renin
CD204	Histamine	RUNX2
CD21	IBA-1	S-100
CD3 (made in rabbit) – commonly used	IgA Bovine	Smooth Muscle Actin (SMA)
CD3 (made in mouse) – for rabbit tissue	IGF2 (Insulin-Like Growth Factor)	Somatostatin
CD30	IgG Canine	SOX10
CD31	Inhibin-Alpha	Synaptophysin
CD45	INSM1	Thyroglobulin
CD45-RA	Insulin	TTF-1 (Thyroid Transcription Factor)
CD71	Ki67	Vimentin V9
CD79a	Kir7.1	Vimentin SP20
Chromogranin A	Lysozyme	Wilm's Tumor
Cox-2	MAC387	
Cytokeratin 5/6	Melan A	
Cytokeratin 7	MHC II	
Cytokeratin HMW	MUM1	
Cytokeratin LMW 8/18	Myelin Basic Protein (MBP)	
Cytokeratin, Pan AE1/AE3	Myoglobin	
Cytokeratin, Pan Lu-5	Neurofilament	
Cytokeratin Plus, Pan Ae1/Ae3 + 8/18	NeuN (Neuronal Nuclear Antigen & Neuron)	

Special Instructions:

IHC staining is performed Monday, Tuesday, Thursday, and Friday. UGA clients should review slides within 72 hours of email notification. External clients should review slides within 72 hours of receiving package. Any troubleshooting or repeat staining after this time may incur additional charges.

Antibody list current as of July 1, 2026. For any antibodies not listed, contact the lab directly for details on protocol workup.