

DATE

HISTOPATHOLOGY LAB SUBMISSION FORM

New Client

(requires account setup)

# ANTIBODY VALIDATIONS ONLY

REQUESTOR	DEPARTMENT
EMAIL	ACCOUNTANT
TEL#	FAS#
SPECIES	PRINCIPAL INVESTIGATOR

### Sampling guidelines:

Tissue sampling and fixation should be standardized for optimal results. Preferred fixative is 10% NBF.

Time in fixative should be no less than 24-48hrs for a 5x10mm sample.

For large pieces of tissue, the fixation clock starts when it has been trimmed down to size for processing.

Following fixation period, samples can be rinsed in water and transferred to 70%EtOH until processing.

Appointments can be made ahead of time with laboratory personnel to review proper tissue dissection.

***Improperly fixed tissue WILL yield sub-optimal results.***

### Selection of antibody:

Host species of primary antibody must be either mouse or rabbit.

**Before purchasing stocks, you must obtain pre-approval from the lab supervisor, who will review:**

*host species*

*control tissue and predicted staining pattern*

*dilution*

*cross-reactivity*

*total number of samples*

*epitope retrieval*

*application (IHC-P)*

*stock quantity needed to complete project*

*duration of experiment*

Estimate of stock quantity is based on 300-450ul of diluted primary per slide, depending on tissue size.

### Pricing information:

The validation process is a per-slide charge. It can take 5-10 slides to validate your antibody.

Lab supplies the primary: \$35 per slide      User supplies the primary: \$31 per slide

Histology Lab supplies the primary: see lab supervisor for estimate of cost

### Checklist:

Attach copies of datasheets for each primary

Attach copies of citation(s) with Methods

List 2 known positive control tissues (in your species) for validation work:

## FIXATION & PROCESSING

DATE COLLECTED

FIXATIVE: 10% NBF  
OTHER:

CURRENT SOLUTION: 10% NBF      70% ETOH  
OTHER:

CIRCLE ONE: tissue blocks, processed here  
cassettes blocks, external lab

TOTAL #: \_\_\_\_\_

### Histology Use Only, review with client

REQUIRES DECALCIFICATION?	Y / N
PREVIOUSLY DECALED?	Y / N
(solution & duration:)	
CORRECTLY LABELLED?	Y / N
REQUIRES TRIMMING? \$2 EACH	Y / N
ONGOING PROJECT W/ FUTURE SUBMISSION	Y / N

Section Orientation/Structures of Interest: \_\_\_\_\_