

Price list for research histology and tissue products v.7
Effective February 1, 2007

Embedding/sectioning

SERVICE	Academic Investigator Costs	For-Profit Clients
Embedding tissue in paraffin	\$7/block	\$14/block
Sectioning paraffin blocks	\$3 for first section/block, \$1 for subsequent sections/block.	\$6 for 1 st section/block, \$2 for subsequent sections form the same block
Embedding/ Sectioning frozen tissues	Hourly rate of \$60 with minimum charge of \$30	Hourly rate of \$120 with minimum charge of \$60

Stains

SERVICE	Academic Investigator Costs	For-Profit Clients
H&E	\$2/slide	\$4/slide
Special stain I (PAS, etc.)	\$6/slide	\$12/slide
Special stain II (Trichrome, etc.)	\$8/slide	\$16/slide
Immunostains	\$15/slide plus reagent costs (see below)	\$30/slide plus reagent costs (see below)

TOTAL FEE EQUALS EMBEDDING FEE PLUS SECTIONING FEE PLUS STAINING FEE.

If Yale clinical blocks or tissue bank products are used an additional surcharge is added (see below). Yale Cancer Center members get a discount proportionate to facility support (historically about 20%).

Many immunostains (especially for human tissue) are routinely available along with control tissues. The director and technical director will maintain stocks of commonly used reagents. This stock will include commonly requested primary antibodies and commonly used secondary reagents. A list of these reagents will be available from the facility. Reagents that are not on the list and unusually expensive reagents must be provided by the client investigator. For routine anti-mouse or anti-rabbit secondary antibodies, cost is currently \$1/slide. Yale cancer center discount does not apply to reagent cost.

For fees for processing/ sectioning/ staining for laser capture microdissection, “PCR safe sections”, plastic sections, TUNEL staining and other specialized projects, contact director of research histology. Special assays will be billed on the basis of the costs plus the hourly charge.

Tissue Access Fee: surcharge for Yale Pathology human tissues

The standard tissue access fees for excess tissue obtained by Yale Pathology are as follows:

Pricing is based on the concept of a "*tissue unit*". One tissue unit is defined as follows:

- Up to five 4-6 um tissue sections cut from a single paraffin block, *or*
- A single tissue core (ranging from 0.6 to 2mm in diameter) taken from a paraffin tissue block, *or*
- A 5 to 60 um thick frozen section (must be excess tissue; may not include diagnostic tissue) *or*
- 50-250 mg – 1gm of fresh frozen or custom-fixed tissue (must be excess tissue; may not include diagnostic tissue), *or*
- Protocol-defined tissue that requires the review or oversight by the Dept of Pathology (independent of amount)

Each *tissue unit* has at a minimum annotation that includes the patient's age, sex, pathologic diagnosis, and tissue of origin. Significantly more information may be available.

The price/tissue unit is as follows:

User	Price/tissue unit	Second unit and subsequent units of same sample
Academic	\$25	\$15
Commercial (other)	\$150	\$100

Examples:

1) a Yale investigator brings a mouse organ and wants it embedded and one H&E stain.

Embedding: \$7 + 1x5 um section \$3 + H&E stain \$2 = \$12.

2) a Yale investigator would like 4 unstained slides and 1 H&E on 5 prostate core biopsies from the Yale Pathology Archives.

Tissue access fee: 5x\$25 + first section: 1x\$3 + next 4 sections: 4x\$1 + H&E stain 1x\$2 = \$134

3) a commercial interest wants 50 cases of lung cancer. On each case they want 1 H&E, one EGFR immunostain, and 3 unstained slides.

Tissue access fee: $50 \times \$150$ + first section: $50 \times \$6$ + next 4 sections: $200 \times \$2$ +
H&E stain $50 \times \$4$ +EGFR immunostain (user provides antibody) $50 \times \$30 = \$9,900$

4) a Yale investigator wants to do a 60 slide, single antibody, IHC study using tissues from cases they have signed out (with blocks in the Yale Archives).

Tissue access fee: $60 \times \$25$ + 1 section from each slide: $60 \times \$3$ + IHC with an antibody in the collection: $60 \times \$15 = \$2,640$