

Tissue Processor and Microtome

Tissue Processor:

Details: Make LEICA

Model: TP 1020

Specifications: This prepares tissue samples for embedding in paraffin wax by taking the tissue through three steps; dehydration in alcohol, clearing in xylene and finally, infiltration with paraffin wax. Our most commonly used protocol is approximately 12 hours long.



Microtome

Details: Make LEICA

Model: Microtome Model HM340E microtome.

The paraffin embedded tissue block is placed in the microtome and the wax trimmed away until the tissue is exposed. Thin sections of the block are then cut, placed on the surface of a water bath and transferred onto a slide.



Histopathology Services in CDFD

- 1) SEF shall provide the following services: Tissue processing, embedding, sectioning and Haematoxylin and eosin staining. Separate charges will be levied for each service.
- 2) Prior booking and cancellation for this service is essential. Please book your requirement at **least one day prior to the day** of giving samples; please enter the details in booking register which is available in SEF.
- 3) Samples should be submitted along with requisition slip which should be signed by Group Head/authorized person of the lab. Official time for submission of sample **5.00-5.30pm (mon-fri)**.
- 4) Official time for collection of blocks and slides **5.00-5.30pm (mon-fri)**.

Note: Blocks/slides will be provided two working days after sample submission; if you submit samples on **Friday** evening, you will get the material on **Tuesday** evening.

- 5) Please fix tissues samples in 10% buffered formalin for at least 12-24 hours and then submit your samples to SEF. Don't store beyond 48hrs (please make your own buffered formalin; please get the details for preparation etc from SEF).
- 6) **Radioactive treated samples are not entertained.** Please certify in the requisition form that no radioactive samples are being submitted.
- 7) If user gets their own microtome blades and slides there will be no charges for sectioning

Charges for tissue processing and other services

Process	Deliverables	Rates for outside users including 18% GST	
		Academic	Corporate
Tissue fixation, embedding and H&E staining	One block and two slides per sample	Rs 531/-	Rs 708/-
Tissue fixation, embedding	One block per sample	Rs 354/-	Rs 531/-
Sectioning	FFPE sections	Rs 59/-	Rs 118/-
H&E staining	H&E stained sections	Rs 236/-	Rs 354/-



CENTER FOR DNA FINGERPRINTING AND DIAGNOSTICS
Sophisticated Equipment Facility (SEF)
Uppal, Hyderabad-500039

HISTOPATHOLOGY REQUISITION FORM

Name:	Date :
Group :	Phone: E-Mail:
Institute (external users): (a) Academic [] (b) Industry []	

Details of the Samples:

Total No. of samples:

S.No	Sample Name	S.No	Sample Name
DECLARATION		This is to certify that these samples do not contain any Radioactive material.	
		Signature <input type="text"/>	

Requirements :

A. Samples fixed in 10% buffered formalin ()	C. Paraffin embedded blocks for sectioning
B. 12-24 hrs post fixation ()	

Sample Received	Samples Delivered
Date	Date
Signature	Signature
