

SOPHISTICATED ANALYTICAL INSTRUMENTATION FACILITY (DST)

Department of Anatomy
All India Institute of Medical Sciences
New Delhi - 110 029 (Tel. 26588500,26588700,26588900. Extn. 3344/3568)
Email : saifnewdelhi@rediffmail.com Fax: 91-11-26588663

Requisition Form for TEM

Requisition No. _____

- a. Name, Designation & Address of Chief Investigator with Telephone Number _____

- b. Name & Designation of user with Telephone Number _____

- c. Billing Head _____
- d. Category-I (Educational Institutions - Colleges & Universities) (Please tick) ()
Category-II (Institutions supported by Govt. Agencies, viz. ICMR, CSIR, ICAR, DST, DBT, NIHFW) & Small Scale Industries ()
Category-III (Large Scale Industries, Private Hospitals & Nursing Homes) ()
- e. Name of the Specimen/Tissue _____ from Animal/Plant/Human
- f. Name of the fixative used _____ duration _____ Minutes/Hrs.
- g. Number of specimen to be processed _____ Orientation _____
- h. SAIF will be used for doing:
i) Research work () ii) Thesis work () (iii) Diagnostic work ()
- i. Please give the title of the proposed Thesis/Dissertation work or Research Project work and year of submission of Thesis/Dissertation.
- j. Please give details of previous publication(s), if any, emerging out of the work carried out at the SAIF, AIIMS by your group (use separate sheet, if required).

Signature of Officer-in-Charge
SAIF - AIIMS

Signature of Chief Investigator
Date

Note: Ideally, perfusion fixation of tissue for EM should be done. In case of immersion fixation, minimal time should elapse between animal sacrifice/biopsy and immersion in fixative. The specimen should be trimmed into 1.0 – 1.5 mm thick pieces. Fixation is to be done in 2.5% Glutaraldehyde and 2% paraformaldehyde, made in 0.1M sodium phosphate buffer (pH 7.4) for 6-12 hr (depending on tissue type) at 4°C. The fixed specimen should be transported in phosphate buffer.

A maximum of 20 samples per performa will be accepted.

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Requisition Form for SEM

Requisition No. _____

- a. Name, Designation & Address of Chief Investigator with Telephone Number _____

- b. Name & Designation of user with Telephone Number _____

- c. Billing Head _____
- d. Category-I (Educational Institutions - Colleges & Universities) (Please tick) ()
Category-II (Institutions supported by Govt. Agencies, viz. ICMR, CSIR, ICAR, DST, DBT, NIHFWS) & Small Scale Industries) ()
Category-III (Large Scale Industries, Private Hospitals & Nursing Homes) ()
- e. Name of the Specimen/Tissue _____ from Animal/Plant/Human
- f. Name of the fixative used _____ duration _____ Minutes/Hrs.
- g. Number of specimen to be processed _____ Orientation _____
- h. SAIF will be used for doing:
i) Research work () ii) Thesis work () (iii) Diagnostic work ()
- i. Please give the title of the proposed Thesis/Dissertation work or Research Project work and year of submission of Thesis/Dissertation.
- j. Please give details of previous publication(s), if any, emerging out of the work carried out at the SAIF, AIIMS by your group (use separate sheet, if required).

Signature of Officer-in-Charge
SAIF - AIIMS

Signature of Chief Investigator
Date

Note: Ideally, perfusion fixation of tissue for EM should be done. In case of immersion fixation, minimal time should elapse between animal sacrifice/biopsy and immersion in fixative. Fixation is to be done in 2.5% Glutaraldehyde and 2% paraformaldehyde, made in 0.1M sodium phosphate buffer (pH 7.4) for about 12 hr at 4°C. The fixed specimen should be transported in phosphate buffer.

LEVY CHARGES FOR THE USE OF AIIMS-SAIF NEW DELHI w.e.f. 1.10.2004

	Category III Large Scale Industries, business firms, pvt. Hospital and nursing homes	Category II National Institute supported by Government agencies viz. CSIR, ICAR, DST, DBT, NIHFV etc. and small scale industries (40% concession as per Cat. III rate)	Category I Govt. and UGC. recognized colleges & University (80% concession as per cat. III rate)
1. TEM :-			
a. Specimen preparation (3 blocks/specimen ; 2 LM slide/block; 3 grids/best 1 block and stained	1800.00	1080.00	360.00
b. Negative Staining	600.00	360.00	120.00
1.1 Immunolabelling (per sample per antibody)			
a. Sec. Ab. Gold Conjugate provided	1500.00	900.00	300.00
b. Gold Conjugate NOT provided	600.00	360.00	120.00
1.2 Viewing Time/per hr (1 hr. or part thereof)	600.00	360.00	120.00
1.3 Image Analysis per hr.	500.00	300.00	100.00
1.4 TEM Image Recording :			
a. 36 exps. of 35mm roll film (With processing)	100.00	100.00	100.00
b. *Per 10 exp. Or a part thereof of 35 mm roll film including processing	50.00	50.00	50.00
c. Image on CD : Upto 10 images (Rs.5.00 per additional image thereafter)	50.00	50.00	50.00
2. SEM :-			
a. High Vacuum Mode:			
i. Specimen Preparation (Dehydration, critical point drying and coating)	750.00	450.00	150.00
ii. Viewing Time/ per hr.	600.00	360.00	120.00
b. Low Vacuum Mode:			
i. SEM Viewing Time per hr. (including specimen preparation, if required).	1500.00	900.00	300.00
2.1 SEM Image recording :			
a. 36 exp. Of 35mm roll film including processing	300.00	300.00	300.00
b. *Per 10 exp. Or a part thereof of 35 mm roll film including processing	100.00	100.00	100.00
c. Image on CD : Upto 10 images (Rs.5.00 per additional image thereafter)	50.00	50.00	50.00

- NOTE :
- After the grids are observed/photographed, if required the Users (Investigators) may collect their grids on additional payment of Rs.7.00 per grid. However, the L.M. slides may be collected without any additional payment.
 - The SEM Users (Investigators) may also collect their metal coated specimen (without the stub) after completing their SEM observations without any additional payment.
 - PAYMENT HAS TO BE MADE AT SITE BY DEMAND DRAFT IN FAVOUR OF " AIIMS SCHEME FUND" PAYABLE AT NEW-DELHI. PAYMENT IN CASH MAY ALSO BE DEPOSITED TO THE CASHIER, RESEARCH SECTION, AIIMS AFTER COMPLETION OF THE WORK.**

*Negative of 10 exp. or a part thereof will be processed and handed over to the user only after the completion of 36 exposures.

Professor Shashi Wadhwa
Officer-in-Charge, EM Facility, AIIMS