
	SRI NATHIELLA SAMPATHU CHETTY CLINICAL LABORATORY (UNIT OF MEDICAL RESEARCH FOUNDATION)	SNNSC/CM/ 12E
	TEST MASTER LIST – HISTOPATHOLOGY & CYTOPATHOLOGY	

HISTOPATHOLOGY
Tests(Specimens) under Scope of NABL


Code.No	Specimen	Turn over Time	Fixative Used/Acceptance Criteria
501A	Eyeball	4 DAYS	10%Neutral buffered formalin
502A	Exenterated specimen	4 DAYS	10%Neutral buffered formalin
503A	Eviscerated specimen	4 DAYS	10%Neutral buffered formalin
504A	Corneal button	4 DAYS	10%Neutral buffered formalin
505A	Epiretinal membrane	4 DAYS	10%Neutral buffered formalin
506A	Sub retinal membrane	4 DAYS	10%Neutral buffered formalin
507A	Biopsy-lid	4 DAYS	10%Neutral buffered formalin
508A	Biopsy -Conjunctiva	4 DAYS	10%Neutral buffered formalin
509A	Biopsy -Cornea	4 DAYS	10%Neutral buffered formalin
510A	Biopsy- Orbit	4 DAYS	10%Neutral buffered formalin
511A	Iris tissue	4 DAYS	10%Neutral buffered formalin
550	Others-Tissue and cell block of fluids	4 DAYS	10%Neutral buffered formalin
501B-511B	Frozen section	30 MINUTES	Fresh unfixed tissue
524-	Amyloid stain	1 DAY	Paraffin block/Paraffin sections
525	Mucin stain	1 DAY	Paraffin block/ Paraffin sections
526	Collagen stain	1 DAY	Paraffin block/ Paraffin sections
528	GMS stain	1 DAY	Paraffin block/ Paraffin sections

Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 1 of 7
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Code.No	Specimen	Turn over Time	Fixative Used/Acceptance Criteria
529	Gram stain	1 DAY	Paraffin block /Paraffin sections
530	Calcium stain	1 DAY	Paraffin block/ Paraffin sections
531	AFB stain	1 DAY	Paraffin block/ Paraffin sections
532	Oil O' red stain	1 DAY	Paraffin block/ Paraffin sections
533	Perls stain	1 DAY	Paraffin block/ Paraffin sections
537	Small sized specimen (3mm-5mm)	4 DAYS	10%Neutral buffered formalin
538	Medium Sized specimens (10mm)	4 DAYS	10%Neutral buffered formalin
539	Large sized specimens (>20mm)	4 DAYS	10%Neutral buffered formalin


Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 2 of 7
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CYTOPATHOLOGY
Tests (Specimens) under Scope of NABL

Code No	Specimen	Turn over Time	Fixative Used/Acceptance Criteria
512	Aqueous aspirate	3 DAYS	
513	Vitreous aspirate	3 DAYS	Unfixed sample sent in cool pack /smears
514	Sub retinal fluid	3 DAYS	Unfixed sample sent in cool pack /smears
515	Smear cytology-lid	3 DAYS	Unfixed sample sent in cool pack /smears
516	Smear cytology- Conjunctiva	3 DAYS	Unfixed sample sent in cool pack /smears
517	Smear cytology-cornea	3 DAYS	Unfixed sample sent in cool pack /smears
	IOL Cytology	3 DAYS	70% or 95% Alcohol
519	FNAC	3 DAYS	Unfixed sample sent in cool pack /smears
524-	Amyloid stain	1 DAY	Unfixed sample sent in cool pack /smears
525	Mucin stain	1 DAY	Unfixed sample sent in cool pack /smears
526	Collagen stain	1 DAY	Unfixed sample sent in cool pack /smears
528	GMS stain	1 DAY	Unfixed sample sent in cool pack /smears
529	Gram stain	1 DAY	Unfixed sample sent in cool pack /smears
530	Calcium stain	1 DAY	Unfixed sample sent in cool pack /smears
531	AFB stain	1 DAY	Unfixed sample sent in cool pack /smears
532	Oil O' red stain	1 DAY	Unfixed sample sent in cool pack /smears
533	Perls stain	1 DAY	Unfixed sample sent in cool pack /smears


Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 3 of 7
Prepared and Issued By: Head Of the Department		Approved By: Management Representative	

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Tests(Non Ocular Specimens)not under scope of NABL

Code No	Specimen	Turn over Time	Fixative Used/Acceptance Criteria
537	Small sized-Skin biopsies, Lymph Node biopsy, Any other tissue measuring 3mm- 5mm	4 DAYS	10% Neutral buffered formalin
538	Medium sized Skin biopsies, Lymph Node biopsy, Any other tissue measuring 10mm	4 DAYS	10% Neutral buffered formalin
539	Large sized Skin biopsies, Lymph Node biopsy, Any other tissue measuring >20mm	4 DAYS	10% Neutral buffered formalin
522	Aspirates-CSF,Pleural fluid, Bronchial alveolar lavage and any other body fluids	3 DAYS	Unfixed sample sent in cool pack /smears
524-536	All special stains	1 DAY	Paraffin block, Unfixed sample sent in cool pack /smears
537B-539B	Frozen section	30 MINUTES	Unfixed sample sent in cool pack

Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 4 of 7
Prepared and Issued By: Head Of the Department		Approved By: Management Representative	

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Specimens for histopathology and cytopathology including the impression cytology smears are collected by the surgeons at operation theater/out patient department are directly received in person or by mail at SNSC lab-Histopathology 3rd floor New Building

THINGS TO BE DONE WHILE SENDING OCULAR PATHOLOGY SPECIMENS

Proper labelling of the specimen i.e. it should contain the following information.


- a. Name of the patient
 - b. Age of the patient
 - c. The type of material
 - d. The eye
 - e. Date and time of collection
 - f. Doctor’s name
2. Adequate clinical summary and clinical diagnosis
 3. Proper fixation in proper preservative

PRESERVATION OF THE SPECIMEN

- Tissue should be preserved immediately in the proper fixative as drying of the tissue causes artifacts.
- For routine surgical specimens 10% neutral buffered formalin is used, 70% alcohol for IOL’s,
- Approximate volume of the fixative required for different kinds of specimens are

- a. Cornea - 5 to 10 ml

Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 5 of 7
Prepared and Issued By: Head Of the Department		Approved By: Management Representative	

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- b. Eyeball - 150 to 200 ml
- c. Exenterated specimen - 500 ml
- d. Other biopsy material - according to the size of the specimen

MAILING OF SPECIMENS:


The specimen collected should be placed in suitable sized containers (preferably plastic container), with adequate fixative. The lid of the container should be sealed with help of adhesive tape to prevent leaking of the fixative. To avoid leakage, fixed tissue can be wrapped in gauze soaked in 10 % Neutral buffered formalin. The container should bear the label with details like Name, Age/sex of the patient, specimen, written legibly in a permanent marker.

The specimen should be mailed to Sri Nathella Sampathu Chetty Clinical Laboratory –Histopathology Laboratory, 3rd Floor, New Building, old no:18, New No:41, College Road ,Nungambakkam, Chennai-600 006 with proper requisition from the surgeon providing the required details mentioned above along with the address for communication. (E-mail/ telephone no. /Fax). The charges intimated to be sent as Demand Draft/Cheque payable to Medical Research Foundation.

Acceptance And rejection Criteria

S. No.	Acceptance Criteria	Rejection Criteria
1.	Sample fixed in Formalin will be accepted	Totally dried up specimen without fixative over 24hrs of collection will be rejected .
2.	Paraffin block , stained	No clinical information will be rejected

Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 6 of 7
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	sections/smears will be accepted	
3.	Unstained sections /Smears will be accepted	Sample less than 1 mm will be rejected

Note: If the specimens are sent for both microbiological as well as histopathological investigation, the specimen would be received in unfixed condition.

Issue No:2	Issue Date: 18.01.16	Amend No. 1	Page 7 of 7
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