



**Hong Kong Institute of Medical Laboratory Sciences**

**Quality Assurance Programme**

***November Survey (2025)***

Anatomical Pathology

# HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES

## QUALITY ASSURANCE PROGRAMME

### Anatomical Pathology

#### INSTRUCTIONS

1. All tests should be performed as soon as possible after the receipt of the specimens.
2. Unless otherwise specified, all survey material had been fixed in 10% buffered formalin and paraffin embedded.
3. The survey material should be treated, as far as possible, like a patient specimen.
4. The survey material should be treated as potentially hazardous and standard laboratory safety precautions should be taken as usual in your laboratory.
5. To complete the survey, you should send back the stained slides together with appropriate controls, and the questionnaire for statistical analysis and compilation of results.
6. Do NOT forward any particulars of your laboratory except your assigned confidential Laboratory Code. **Late return will be counted as not done and the results will NOT be accepted for assessment and statistical analysis.**
7. All stained slides should be properly labelled with the **assigned 4-digit laboratory code but not the identity of your laboratory.**
8. Place the labelled slides inside the slide mailers. Return the slide mailers and completed questionnaire in the enclosed foam-padded envelope.
9. Arrange return of survey material with the courier service provider according to the instruction as per attached before on **27 November 2025**

For further enquiry, please contact HKIMLSQAP Ltd.

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#### CONFIDENTIALITY

HKIMLSQAP is committed to keep all details of participants confidential. Please refer to <http://www.hkimlsqap.org>

**HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES  
QUALITY ASSURANCE PROGRAMME  
ANATOMICAL PATHOLOGY**

**NOVEMBER SURVEY (2025)**

**HISTOLOGICAL STAINING MODULE**

You are provided with two paraffin sections, which had been fixed in 10% buffered formalin. Perform the following staining methods and return the **STAINED SECTIONS** for assessment.

**HC2516** Stain with your routine H&E method

**HC2517** Stain with Gordon & Sweets' method to demonstrate reticulin fibres

**POSITIVE CONTROLS ARE REQUIRED BUT NOT FOR ASSESSMENT.**

Please label the slides with the corresponding **Test code** and your confidential **Laboratory Code** for identification purposes. **No mark will be given for the unlabelled slide.** Put not more than two slides in one mailer in each return.



HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES  
QUALITY ASSURANCE PROGRAMME

**HISTOLOGICAL STAINING MODULE  
RETURN FORM**

Laboratory Code:

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Date of Return: on or before **27 November 2025**

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**QUESTIONNAIRE**

**SECTION I: HISTOPATHOLOGY**

**Please answer the following questions:**

1. What is the section thickness of your routine demonstration for reticulin fibres?

3µm

4µm

5µm

Others (please state)

_____
_____
_____

2. What is your routine method for demonstration of reticulin fibres?

_____
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3. Do you routinely use freshly prepared silver solution for reticulin stain?

Yes

No

_____
_____

4. How many days will you keep your working silver solution?

Always freshly prepared

1 day

<5 days

<10 days

Others (please state)

_____
_____
_____
_____

5. How do you keep the working silver solution?

In room temperature

In 4°C

Other (please state)

6. Do you acidify your KMnO<sub>4</sub> solution for your reticulin stain?

Yes

No

7. Do you tone the slide section with Gold Chloride solution?

Yes

No

8. Do you counterstain the nuclei for the section in staining with Gordon & Sweets' Ag?

Yes

No

9. Your routine histochemical procedure:

**Gordon & Sweets' Silver Method**

<i>Reagent</i>	<i>%/Composition</i>	<i>Time</i>	<i>Temp(°C)</i>
KMnO <sub>4</sub>	_____ %	min.	
Iron alum	_____ %	min.	
Silver solution	_____% AgNO <sub>3</sub> _____ml _____% NaOH _____ml. make up to _____ ml with distilled water	min.	
Formalin	_____ %	min.	
Counterstain		min.	

**END**

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**NOVEMBER SURVEY (2025)**

**IMMUNOHISTOCHEMICAL STAINING MODULE**

**Evaluation of c-erbB-2 Antibody**

**HC2518** You are provided with a paraffin section, stain the slide with your **in-house Anti- c-erbB-2** antibody and your routine immunohistochemistry detection system.

**Evaluation of ER Demonstration**

**HC2519** You are provided with a paraffin section, stain the slide with your **in-house Anti-Human ER** antibody and your routine immunohistochemistry detection system.

**Evaluation of PR Demonstration**

**HC2520** You are provided with a paraffin section, stain the slide with your **in-house Anti-Human PR** antibody and your routine immunohistochemistry detection system.

**POSITIVE CONTROLS ARE REQUIRED BUT NOT FOR ASSESSMENT.**

Please label the slides with the corresponding **Test code** and your confidential **Laboratory Code** for identification purposes. **No mark will be given for the unlabelled slide.** Put not more than two slides in one mailer in each return.



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IMMUNOHISTOCHEMICAL STAINING MODULE  
RETURN FORM

Laboratory Code:

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Date of Return: on or before **27 November 2025**

**QUESTIONNAIRE**

Your immunohistochemistry conditions:

<i><b>STEP</b></i>	<i><b>HC2518 (c erbB2 in-house)</b></i>	<i><b>HC2519 (ER in-house)</b></i>	<i><b>HC2520 (PR in-house)</b></i>
Supplier			
Dilution	1:	1:	1:
Peroxidase Blocking	min.	min.	min.
Antigen retrieval: <input type="checkbox"/> Trypsinization <input type="checkbox"/> Microwave <input type="checkbox"/> Pressure cooking <input type="checkbox"/> PT module <input type="checkbox"/> Others	YES / NO  min.	YES / NO  min.	YES / NO  min.
Detection System			
Duration of Colour Development	DAB min.	DAB min.	DAB min.
End product Colour Enhancement (if any)	min.	min.	min.

**END**