



Hong Kong Institute of Medical Laboratory Sciences

Quality Assurance Programme

August 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 **21 August 2025**

For further enquiry, please contact HKIMLSQAP Ltd.

Phone: (852) 2499 0015 Fax: (852) 2124 2798 E-mail: info@hkimlsqap.org

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**

AUGUST 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.

HC2511 Stain with your routine H&E method

HC2512 Stain with Perls' Prussian Blue method to demonstrate Iron pigment

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 **21 August 2025**

QUESTIONNAIRE

SECTION I: HISTOPATHOLOGY

1. What is your routine fixative for histological specimens?
10% buffered formalin _____
10% formal saline _____
Bouin's fluid _____
Mercuric chloride _____
Others (Please state) _____

2. What is the section thickness for your routine Perls' Prussian Blue method?
3 μm _____
4 μm _____
5 μm _____
6 μm _____
Others (Please state) _____

3. What is the grading of the hydrochloric acid used in the Perls' Prussian Blue method?
AnalaR Grade _____
General Grade _____
Others (Please state) _____

4. Do you use iron-free distilled water used in preparing the staining solution?
Yes _____
No _____

Laboratory Code:

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Date of Return: on or before **21 August 2025**

5. Please provide the information concerning the staining reagents you used.

	Potassium ferrocyanide	Hydrochloric acid	Counterstain dye (Please state):
Manufacturer			
C.I. Number			
Product / Catalogue Number			
Lot Number			

6. Your routine histochemical procedure:

Perls' Prussian Blue Method

Reagent	% / Composition	Time	Temperature
Perls' reagent	___% Potassium ferrocyanide, ___ ml ___% hydrochloride acid, ___ ml		
Counterstain (if any):			

END

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ANATOMICAL PATHOLOGY**

AUGUST SURVEY (2025)

IMMUNOHISTOCHEMICAL STAINING MODULE

Evaluation of AE1/3 Antibody

HC2513 You are provided with a paraffin section, stain the slide with your in-house Anti-**Human AE1/3** antibody and your routine immunohistochemistry detection system.

Evaluation of p53 Demonstration

HC2514 You are provided with a paraffin section, stain the slide with your **in-house Anti-Human p53** antibody and your routine immunohistochemistry detection system.

Evaluation of TTF-1 Demonstration

HC2515 You are provided with a paraffin section, stain the slide with your in-house Anti-Human TTF-1 antibody and your routine immunohistochemistry detection system.

POSITIVE CONTROLS ARE REQUIRED BUT NOT FOR ASSESSMENT.

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QUALITY ASSURANCE PROGRAMME

IMMUNOHISTOCHEMICAL STAINING MODULE
RETURN FORM

Laboratory Code:

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Date of Return: on or before **21 August 2025**

QUESTIONNAIRE

Your immunohistochemistry conditions:

<i>STEP</i>	<i>HC2513 (AE1/3 in-house)</i>	<i>HC2414 (p53 in-house)</i>	<i>HC2415 (TTF-1 in-house)</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