Hong Kong Institute of Medical Laboratory Sciences

Quality Assurance Programme Ltd.

And

The Hong Kong College of Pathologists

Interpretative Quality Assurance Programme in Haematology

May Survey (2026)

Dispatch date: 19 May 2026

Date of Return: on or before 2 June 2026

HONG KONG INSTITUTE OF MEDICAL LABORATORY SCIENCES
QUALITY ASSURANCE PROGRAMME Ltd.
And
THE HONG KONG COLLEGE OF PATHOLOGISTS

INTERPRETATIVE QUALITY ASSURANCE PROGRAMME in HAEMATOLOGY

INSTRUCTIONS

1. In the package there are two peripheral blood smears, one marrow aspirate and two lyophilized samples for factor assay.

2. Process and test survey samples as patient specimens using currently practised analytical procedures in your laboratory.

3. Survey results should be typed or printed legibly on the Return Form.

4. A fillable survey form for Interpretative Quality Assurance Programme in Haematology (HI) can be downloaded at HKIMLSQAP webpage (http://www.hkimlsqap.org/index.aspx).

5. Return your survey results to the HKIMLSQAP either by Facsimile to 2124 2798 or email to info@hkimlsqap.

6. Do not forward any particulars of your laboratory other than the assigned confidential Laboratory Code.

7. Return survey results to HKIMLSQAP on or before the due date specified on the Result Return Forms. Late or no return of survey data will be documented in your report.

8. For further enquiry, please contact HKIMLSQAP Ltd.
   Phone: (852) 24990015 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

Lab. Code _____ **Date of return on or before** **2 June 2026**

IQ 2621 (Peripheral Smear)

History: A 83-year-old man was admitted for fever and chronic cough. A routine complete blood count showed WBC 99.2 x 10^9/L (reference interval: 3.7 – 9.2 x 10^9/L), Hb 12.5 g/dL (reference interval: 13.4 – 17.1 g/dL) and platelet 281 x 10^9/L (reference interval: 145 – 370 x 10^9/L).

1. Please describe your peripheral blood smear findings.

_____

_____

_____

2. What is the diagnosis? (Please specify classification system used when appropriate).

_____

_____

3. What further investigations will you perform?

_____

_____

Answers provided by (please check one):

1. Specialist Haematologist ☐
2. Trainee Haematologist ☐
3. Pathologist in another discipline other than haematology ☐
4. Medical Technologist ☐
5. Other medical personnel (please specify) _____ ☐

Lab. Code _____ **Date of return on or before** **2 June 2026**

IQ 2622 (Peripheral Smear)

History: A 78-year-old man was admitted for weight loss and malaise. A complete blood count showed WBC 11.0 x10^9/L (reference interval: 3.7 – 9.2 x 10^9/L), Hb 8.2 g/dL (reference interval: 13.4 – 17.1 g/dL) and platelet 257 x 10^9/L (reference interval: 145 – 370 x 10^9/L).

1. Please describe your peripheral blood smear findings.

2. What is the diagnosis? (Please specify classification system used when appropriate).

3. What further investigations will you perform?

Answers provided by (please check one):

1. Specialist Haematologist ☐
2. Trainee Haematologist ☐
3. Pathologist in another discipline other than haematology ☐
4. Medical Technologist ☐
5. Other medical personnel (please specify) _____ ☐

Lab. Code _____ **Date of return on or before** **2 June 2026**

IQ 2623 (Bone Marrow Aspirate)

History: A 70-year-old woman was admitted for malaise. A complete blood count showed WBC 3.2 x 10^9/L (reference interval: 3.7 – 9.2 x 10^9/L), Hb 5.6 g/dL (reference interval: 11.7 – 14.9 g/dL) and platelet 64 x10^9/L (reference interval: 145 – 370 x 10^9/L).

1. Please describe your findings on bone marrow aspirate.

_____

_____

_____

2. What is the diagnosis?

_____

_____

3. What further investigations will you perform?

_____

_____

Answers provided by (please check one):

1. Specialist Haematologist ☐
2. Trainee Haematologist ☐
3. Pathologist in another discipline other than haematology ☐
4. Medical Technologist ☐
5. Other medical personnel (please specify) _____ ☐

Lab. Code _____ **Date of return on or before** **2 June 2026**

IQ 2624A and IQ 2624B (Factor Assay)

Instruction: Please perform factor II, V, VII and X assay for specimens 2624A and 2624B.

Note: The absence of infectious agents cannot be guaranteed, all materials obtained from human blood should always be handled with due care by observing the precautions recommended for biohazardous materials.

Sample Preparation:
Dissolve the contents of each vial with 1 mL of CLSI type CLR water or equivalent. Replace the stopper and swirl gently. Make sure of the complete reconstitution of the product. Allow the solution to stand at 15 – 25°C for 30 minutes and mix gently before use. Do not shake. Avoid foam formation. Stability after reconstitution is 4 hours at room temperature. Store unopened specimen at 2-8°C.

	Factor II (% or IU/ml)	**Factor V (% or IU/ml)**	**Factor VII (% or IU/ml)**	**Factor X (% or IU/ml)**
Ref range % / IU/mL				
Result 2624A				
	☐ normal / ☐ depressed / ☐ elevated*	☐ normal / ☐ depressed / ☐ elevated*	☐ normal / ☐ depressed / ☐ elevated*	☐ normal / ☐ depressed / ☐ elevated*
Result 2624B				
	☐ normal / ☐ depressd/ ☐ elevated*	☐ normal / ☐ depressed / ☐ elevated*	☐ normal / ☐ depressed / ☐ elevated*	☐ normal / ☐ depressed / ☐ elevated*

Ref range = Reference range

Answers provided by (please check one):

1. Specialist Haematologist ☐
2. Trainee Haematologist ☐
3. Pathologist in another discipline other than haematology ☐
4. Medical Technologist ☐
5. Other medical personnel (please specify) _____ ☐

(End of question)