



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 (2025)

Dispatch date: 13 May 2025

Date of Return: on or before 27 May 2025

**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 three peripheral blood smears and two samples for lupus anticoagulant 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 27 May 2025

IQ 2521 (Peripheral Smear)

History: A 80-year-old woman was admitted for gastroenteritis. A routine complete blood count showed WBC $22.8 \times 10^9/L$ (reference interval: $3.7 - 9.2 \times 10^9/L$), Hb 12.4 g/dL (reference interval: 11.7 – 14.9 g/dL) and platelet $87 \times 10^9/L$ (reference interval: $145 - 370 \times 10^9/L$).

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** **27 May 2025**

IQ 2522 (Peripheral Smear)

History: A 27-year-old woman attended AED for fever. Blood counts not given.

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 **27 May 2025**

IQ 2523 (Peripheral Smear)

History: A 88-year-old man was admitted to medical unit for decrease in general condition.
A complete blood count showed WBC $11.6 \times 10^9/L$ (reference interval: $3.7 - 9.2 \times 10^9/L$), Hb 5.3 g/dL (reference interval: 13.4 – 17.1 g/dL) and platelet $508 \times 10^9/L$ (reference interval: $145 - 370 \times 10^9/L$).

1. Please describe your peripheral smear findings.

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 27 May 2025

IQ 2524A and IQ 2524B (Lupus Anticoagulant Assay)

History: Specimen IQ 2524A and IQ 2524B were taken from a 24-year-old girl for joint pain and a 30-year-old man for pre-operative assessment. Please perform lupus anticoagulant study (LA) on both specimens.

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.

Lab. Code _____ **Date of return on or before** 27 May 2025

Tests	IQ 2524A	IQ 2524B
Screening test 1 (s): Reference range of your lab (s) – Name of the test: Name of the commercial brand:	Normal / elevated	Normal / elevated
Confirmatory test 1 (s): Reference range of your lab – Name of the test: Name of the commercial brand:	Normal / elevated	Normal / elevated
Ratio (If applicable) Reference range of your lab –	Normal / elevated	Normal / elevated
Screening test 2 (s): Reference range of your lab (s) – Name of the test: Name of the commercial brand:	Normal / elevated	Normal / elevated
Confirmatory test 2 (s): Reference range of your lab – Name of the test: Name of the commercial brand:	Normal / elevated	Normal / elevated
Ratio (If applicable) Reference range of your lab –	Normal / elevated	Normal / elevated
Conclusion: Lupus anticoagulant	Detected / not detected	Detected / not detected

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)