



Hong Kong Institute of Medical Laboratory Sciences

Quality Assurance Programme Ltd.

And

The Hong Kong College of Pathologists

Interpretative Quality Assurance Programme in Haematology

November Survey (2025)

Dispatch date: 11 November 2025

Date of Return: on or before 25 November 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 thrombophilia study.
- 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



Hong Kong Institute of Medical Laboratory Sciences Limited and The Hong Kong College of Pathologists



Lab. Co	ode	_ Date of return on or before _	25 November 2025
IQ 25	41 (Peripheral	Smear)	
History:		presented with malaise. A complete black dL and platelet 30 x 10 ⁹ /L.	lood count showed WBC
1. Ple	ase describe your perip	bheral blood smear findings.	
2. Wh	nat is the diagnosis? (P	lease specify classification system use	ed when appropriate).
3. Wha	at further investigation	s will you perform?	
	at further investigation	s wiii you perioriii:	
Answers	s provided by (please c	heck one):	
2. Traine3. Patho4. Medic	alist Haematologist ee Haematologist logist in another discip cal Technologist medical personnel (pl	oline other than haematology	



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Lab.	Code Date of return on or before	25 November 2025
IQ 2	2542 (Peripheral Smear)	
Histor	ry: A 58-year-old woman presented with fever. A complete WBC 2.7 x 10 ⁹ /L, Hb 10.9 g/dL and platelet 14 x 10 ⁹ /L.	blood count showed
1. I	Please describe your peripheral blood smear findings.	
-		
2. V	What is the diagnosis? (Please specify classification system used	when appropriate).
3. V	What further investigations will you perform?	
-		
Answ	ers provided by (please check one):	
 Tra Pat Me 	ecialist Haematologist inee Haematologist hologist in another discipline other than haematology dical Technologist ner medical personnel (please specify)	



Hong Kong Institute of Medical Laboratory Sciences Limited and The Hong Kong College of Pathologists



Lab	o. Code	Date of return on or before	25 November 2025
IQ	2543 (Periphera	al Smear)	
Hist		an admitted for fall. A complete blood IL and platelet 64×10^9 /L.	count showed WBC 4.3 x
1.	Please describe your pe	ripheral smear findings.	
2.	What is the diagnosis?		
3.	What further investigati	ons will you perform?	
Ans	wers provided by (please	e check one):	
 T P M 	pecialist Haematologist rainee Haematologist athologist in another dis dedical Technologist	cipline other than haematology	



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Lab. Code	Date of return on or before	25 November 2025

IQ 2544A and 2544B (Thrombophilia study)

Please perform protein C, protein S and anti-thrombin assays on 2544A and 2544B.

Note: Since absence of infectious agents cannot be proven, all materials obtained from

human blood should always be handled with due care by following the precautions

recommended for handling biohazardous material.

Sample Preparation: Dissolve the contents of each vial with 1 mL of CLSI type CLR water or

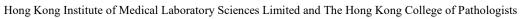
equivalent. Replace the stopper and swirl gently. Make sure of the complete reconstitution of the product. Allow the solution to stand at 15-25°C for 30 minutes. Then invert to mix before use. Do not shake. Avoid foam formation. Stability after reconstitution is 4 hours at room

temperature. Store unopened specimen at 2-8°C.

Result (IQ 2544A)

Instrument / Analyte / Reagent / Method Names	Assay Value / Interpretation		
Instrument used:			
Protein C	Reference range of your laboratory (%)		
Reagent used:	year the ethics y (ve)		
Interpretation	Below / Normal / Elevated / Not Applicable		
Protein S Activity	Reference range of your laboratory (%):		
Reagent used:			
Interpretation	Below / Normal / Elevated / Not Applicable		
Free Protein S Antigen	Reference range of your laboratory (%):		
Reagent used:			
Interpretation	Below / Normal / Elevated / Not Applicable		
Antithrombin	Reference range of your laboratory (%)		
Reagent used:			
Interpretation	Below / Normal / Elevated / Not Applicable		







Lab. Code	_ Date of return	Date of return on or before		25 November 2025	
Result (IQ 2544B)					
Instrument / Analyte / Reagent / Method Names	Assay Value	Assay Value / Interpretation			
Instrument used:					
Protein C				e range of ratory (%)	
Reagent used:					
Interpretation	Below /	Normal /	Elevated /	Not Applicable	
Protein S Activity				e range of ratory (%):	
Reagent used:					
Interpretation	Below /	Normal /	Elevated /	Not Applicable	
Free Protein S Antigen				e range of ratory (%):	
Reagent used:					
Interpretation	Below /	Normal /	Elevated /	Not Applicable	
Antithrombin				e range of ratory (%)	
Reagent used:					
Interpretation	Below /	Normal /	Elevated /	Not Applicable	
Answers provided by (please	check one):				
 Specialist Haematologist Trainee Haematologist Pathologist in another discipline other than haematology Medical Technologist Other medical personnel (please specify)]]		
(End of question)					