



## CMC EQAS - TRANSFUSION MEDICINE MODULE

Department of Transfusion Medicine, CMC Vellore

### IH - ACTION SHEET- Programme B

Survey No. 552025T

PARTICIPANT No.:T1693

A 32-year-old lady named Mrs. AX has been diagnosed with aplastic anemia and has received multiple blood transfusions over the past year. She now presents with a hemoglobin level of 7 g/dL. The blood bank has received a request for packed red blood cells. Please conduct the necessary tests and select suitable donor units for transfusion.

The assessable elements for this survey will be:

- 1) ABO & Rh on Patient
- 2) ABO & Rh on Donors
- 3) Direct Coombs test
- 4) Indirect Coombs test

TEST CATEGORY Program :B	RESULT FOR THIS SURVEY				Achievable Score	Your Score
	ID	Group				
	Sat*	Not Sat**	Sat *	Not Sat**		
Patient - 267195	✓		✓		250	250
Patient 2 - 532609	✓		✓			
Donor 1 - 82174	✓		✓			
Donor 2 - 82147	✓		✓			
Donor 3 - 82714	✓		✓			
Patient 2 - 532609	Sat*		Not Sat**			
Direct Coombs Test	✓				50	50
InDirect Coombs Test	✓				50	50
Total achievable score				350		
Your total lab score				350		

\*Sat : Satisfactory, \*\* Not Sat : Not Satisfactory

Note: Samples provided are commutable stabilized serum and Red blood cells from consenting voluntary blood donors with additives for stability and preservation. All samples are negative for transfusion transmitted infections.



## CMC EQAS - TRANSFUSION MEDICINE MODULE

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### Transfusion Medicine Module EQAS - 2025 Scoring System

Programs		Maximum Achievable score
<b>Program: A</b>		
Patient / Donor IDs	10 each	
Blood Group	40 each	200
<b>Program: B</b>		
Patient / Donor IDs	10 each	250
Blood Group	40 each	
Direct Coombs test		50
Indirect Coombs test		50
<b>Program: C</b>		
Patient / Donor IDs	10 each	250
Blood Group	40 each	
Direct Coombs test		50
Indirect Coombs test		50
Donor IDs	10 each	
Compatibility testing	30 each	150
Comment	10 each	
Antibody Screening		50
Antibody Identification		50

Maximum Achievable Score for Module A: 200

Maximum Achievable Score for Module B: 350

Maximum Achievable Score for Module C: 500

Maximum Achievable Score for Module C with Antibody Screening: 550

Maximum Achievable Score for Module C with Antibody Screening and Identification: 600

Issued under authorisation of

Dr. Dolly Daniel  
**Scientific Coordinator**

Dr. Joy Mammen  
**Program coordinator**

For any clarification please write with your TPIN Number (4 digit) to:

**The Program Coordinator**  
**CMCEQS - Transfusion Medicine Module**  
**Email: teqas@cmcvellore.ac.in**

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## CMC EQAS - TRANSFUSION MEDICINE MODULE

Department of Transfusion Medicine, CMC Vellore

### IH-INTERIM REPORT

**Survey No :552025T**

#### Programme: B

<b>Patient: - AX</b>	
267195	O Negative
<b>Patient2: -</b>	
532609	O Negative
<b>Donation Units</b>	
82174	O Positive
82147	O Positive
82714	O Negative
<b>Patient ID-532609</b>	
<b>Direct Coombs Test</b>	Negative
<b>Indirect Coombs Test</b>	positive

Survey Open date : 28.03.2025

Survey Closure date : 19.04.2025

Interim Report date : 23.04.2025

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**Program coordinator**

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## CMC EQAS - TRANSFUSION MEDICINE MODULE

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### Transfusion Medicine Module EQAS - 2025 Scoring System

Programs		Maximum Achievable score
<b>Program: A</b>		
Patient / Donor IDs	10 each	200
Blood Group	40 each	
<b>Program: B</b>		
Patient / Donor IDs	10 each	250
Blood Group	40 each	
Direct Coombs test		50
Indirect Coombs test		50
<b>Program: C</b>		
Patient / Donor IDs	10 each	250
Blood Group	40 each	
Direct Coombs test		50
Indirect Coombs test		50
Donor IDs	10 each	
Compatibility testing	30 each	150
Comment	10 each	
Antibody Screening		50
Antibody Identification		50

Maximum Achievable Score for Module A: 200

Maximum Achievable Score for Module B: 350

Maximum Achievable Score for Module C: 500

Maximum Achievable Score for Module C with Antibody Screening: 550

Maximum Achievable Score for Module C with Antibody Screening and Identification: 600

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**CMC EQAS - TRANSFUSION MEDICINE MODULE**  
Department of Transfusion Medicine, CMC Vellore

**Samples for Program A, B and C**

**Patient history**

32 year old lady Mrs. AX with Aplastic anaemia multiply transfused over the last one year, now presents with a Hemoglobin of 7gm%. Request for Packed Red cells is received in blood bank. Perform the necessary tests and select the donor units that are suitable for transfusion.

**Patient 1. ID.No. 267195**

**Patient 2. ID.No. 532609**

**Donor 1:ID.No. 82174**

**Donor 2: ID.No. 82147**

**Donor 3: ID.No. 82714**

Process these samples as you would do in your lab / blood bank and record your results (see grid below).

**Survey Assessable Elements**

**Program A**

The assessable elements for this survey will be:

1. ABO & Rh on Patient
2. ABO & Rh on Donors

**Program B**

1. ABO & Rh on Patient
2. ABO & Rh on Donors
3. Direct Coombs Test
4. Indirect coombs test

**Program C**

1. ABO & Rh on Patient
2. ABO & Rh on Donors
3. Compatibility testing
4. Direct coombs test
5. Indirect coombs test
6. Antibody screening
7. Antibody Identification

Sample	Group& Type	DAT	IAT	Comp. Testing	Ab.Screen	Ab.ID
Patient 1 Mrs. AX <b>267195</b>	✓			✓		
Donor 1 82174	✓			✓		
Donor 2 82147	✓			✓		
Donor 3 82714	✓			✓		
Patient 2 <b>532609</b>	✓	✓	✓		✓	✓

Enter the results in the appropriate columns provided online. Please note: Any error in sample ID will result in wrong assessment.

**CONFIDENTIALITY**

All survey participants are allocated a participant number. The key to the identity of participants is held CONFIDENTIALLY and will not be released to any person or body under any circumstances without the written permission of the participant.

NOTE: DO NOT RETURN THIS FORM. Retain this as part of your lab records.

Survey No: 552025T

Open Date: 28.03.2025

Closing Date: 19.04.2025



RD  
29/3/25

**CMC EQAS - TRANSFUSION MEDICINE MODULE**  
Department of Transfusion Medicine, CMC Vellore

**Survey No: 552025T – Instruction Sheet**

**IMPORTANT INFORMATION:**

1. The samples are shipped at ambient temperature.
2. Online entry of results is mandatory.
3. Result Entry Form can be accessed under the *Survey menu → Survey- IH Result Entry sub menu option* in the member profile.
4. Sample ID numbers must be entered in the appropriate columns given in the result entry form. **Please note: Any error in sample ID will result in wrong assessment.**
5. Please enter Samples Received Date and Samples Processed Date.
6. All the participants participating in compatibility testing are expected to do Coombs (AHG) crossmatch (as per national guidelines).
7. To avoid transcriptional errors while entering results online, we recommend you to first write results in the worksheet (similar format of online result entry form) which is available for download in *Survey menu → Worksheets submenu* and then enter results online to ensure the correctness of the data entry. You need NOT send us the copy of the worksheet.
8. **Maintain a scanned copy of your internal lab worksheet also which will have to be submitted if required.**
9. After submitting your results, use the link ‘Download Result Entry’ which will be available just below the ‘Submit Results’ button to download the result template form for your record of the results that you have entered. This will confirm that your results have been submitted.
10. **Do not return hard copy of the results by post or courier.**
11. Results cannot be entered online after the closing date and results received by email after the closing date will not be included for analysis.
12. Logistics remain a particular challenge during this time and your cooperation in this matter and adherence to timeline as well as best possible service is anticipated. The EQAS program cannot take liability for prevailing local conditions during shipment.
13. Are you missing our emails? Please add our email to your saved sender list.
14. For any further queries, email or contact:  
E.mail: [tegas@cmcvellore.ac.in](mailto:tegas@cmcvellore.ac.in), Tel.No. 0416 228 3618  
(Office time: Monday to Friday: 8:30AM to 4:30PM, Saturday: 8:30AM to 12:00 PM)

**SAMPLE INFORMATION AND STORAGE CONDITIONS**

The EQA samples should be stored at 4°C upon receipt and should be kept at 4°C when not in use to maintain the optimal condition of the samples. The cells are approximately a 30% suspension in preservative solution and the serum contains 0.1% sodium azide. All samples are negative for HbsAg, anti-HIV and anti-HCV; however, samples should be regarded as potentially infectious and handled accordingly.

**Samples MUST be processed immediately due to short shelf life of red cells.**

**NOTE: DO NOT RETURN THIS FORM. Retain this as part of your lab records.**

**Survey No: 552025T**

**Open Date: 28.03.2025**

**Closing Date: 19.04.2025**

Prepared By: Quality Manager	 TRUSTlab® DIAGNOSTICS where Trust matters	Document No: TDPL/GE/REG-007
Approved By: Lab Head		Version No: 2.0
DOCUMENT TITLE:	EQAS Sample Processing Form	
		Version Date: 01/10/2024
	Revision No: 00	
	Revision Date: 00-00-0000	

Name Of EQAS Provider: CMC EQAS

EQAS Lab ID: T1693

Department Name: Haematology

Temperature of EQAS sample at the time of Receiving: 5°C

EQAS Sample No.: 552025 T

EQAS Accession/SIN No.:

Reconstitute By:

Reconstitution Date:

Processed By: Archana 04/01/25

Reviewed By (Pathologist): DR. Alarem.

Result Share with QA department (Date & Signature):

Result Dispatched to EQAS provider (Date): 23/4/25

EQAS evaluation result received on: 23/4/25

Section Head Signature: 

Department Head Signature: 

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Roche Diagnostics

Immunoanalyzer cobas e 411

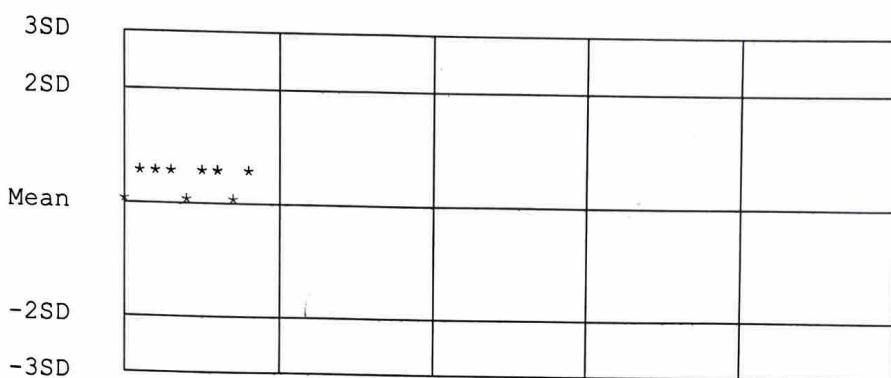
S/N 65L615

Individual QC Chart

Operator-ID: ADMIN

02/01/2023, 15:53

Control: HQQC2179EC      Lot no.: 00002179      Test: LH 0      Unit: mIU/ml



Reagent Lot No : 00570713

	Date	Time	OP.ID	Result	Flag		Date	Time	OP.ID	Result	Flag
1	12/23	17:05	ADMIN	4.02			12/25	10:14	ADMIN	4.12	
	12/25	16:05	ADMIN	4.10			12/26	07:38	ADMIN	4.08	
	12/27	08:23	ADMIN	3.93			12/28	07:52	ADMIN	4.09	
	12/29	07:44	ADMIN	4.03			12/30	07:59	ADMIN	3.94	
	12/31	16:35	ADMIN	4.07							

Test	Control	Contr.LOT	T.Mean	T.SD	N	Mean	SD	CV(%)
LH 0	HQQC2179EC	00002179	3.93	0.395	10	4.04	0.065	1.61

Marks in the chart and list:

- \* = included data (chart)
- @ = excluded data
- ! = reagent lot number change (chart)
- \* left to date = accumulated data (list)
- \* right to result = out of 3 SD range (list)



## CMC EQAS - TRANSFUSION MEDICINE MODULE

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### Download Results template – IH Results Entry Form

Survey Number		552025T				Participant Number			T1693		
Patient Identification		Cell (Forward)Typing				Serum (Reverse) Group				ABO & Rh(D) Result	
		Anti A	Anti B	Anti AB*	Anti D	A1 Cells	A2 Cells*	B cells	O cells	Group	RH Type
Patient -1 ID:267195 Name:Mrs.AX		0	0	0	0	2+	0	4+	0	O	Negative
Patient -2 ID:532609 Name:		0	0	0	0	1+	0	2+	0	O	Negative
Donor -1 ID:82174		0	0	0	4+	1+	0	1+	0	O	Positive
Donor -2 ID:82147		0	0	0	4+	1+	0	1+	0	O	Positive
Donor -3 ID:82714		0	0	0	0	2+	0	3+	0	O	Negative
Coombs Tests, Antibody Screen And Identification											
Method used		Column									
Screening Cells		In house									
Direct Coombs Test		Negative									
Indirect Coombs Test		Positive									
AHG Reagent used		IgG + C3d									
Sample Processed Date		2025-04-01									
Sample Received Date		2025-04-01									
Submitted Date		2025-04-02 05:02:38									

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