

ECAT FOUNDATION

External quality Control for Assays and Tests

With a focus on Thrombosis and Haemostasis

REPORT



SURVEY 2026-H1

Haemophilia

Labcode 1492

Date of Issue : 12-May-2026

Survey : 2026-H1

Report : Haemophilia

Note:

In the Survey Manual 2026 detailed information is given regarding the ECAT external quality assessment programme, including the statistical evaluation and explanation of the report.

This Survey Manual 2026 should be considered as an integral part of this survey report.

Please notice the information regarding the homogeneity of samples used and the between-laboratory variation in the paragraph on the statistical evaluation of the Survey Manual.

General Information

Exclusion of results

Results < [value] or > [value] are excluded from the statistical analysis. When other results (e.g. deviating results) are excluded from the statistical analysis, these results are placed between brackets.

Multiple instruments

Participants have the option to submit three results per parameter for up to three different instruments and /or different methods. However, some participants submitted identical results three times, implying these were separate results. This is not the case and may affect the statistical analysis. The results submitted for the second and third system have been excluded from the statistical analysis. Please submit results no more than once unless they are a different measurement.

Afstyla and Idelvion

Because of the limited number of results for both parameters: Afstyla (Clotting/Chromogenic) and Idelvion (Clotting/Chromogenic), the minimum number used for the calculation of the CV and Z-score is 5.

Z-score of the Predictive Control Chart

From 2026 in the Haemophilia Survey report, the Z-score history plot (by survey) is replaced by the Z-score Predictive Control Chart (PCC plot). Explanation about the PCC plot can be found after Log-in in the participants portal under "View Documents".

Complaints

Any complaints regarding this survey report should be reported to the ECAT before June **23rd, 2026**. Complaints received after this date will not be taken into consideration.

This report is authorized by: Dr. P.Meijer (Director)

Note: The current Survey Manual can be downloaded from the 'Participant Area' of the ECAT website. Login and select the option 'View Documents'.

ECAT Foundation

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OVERVIEW Z-SCORES

UV: Satisfactory ($-2 \leq Z\text{-score} \leq 2$)
 UV: Need attention ($-3 < Z\text{-score} < -2$ or $2 < Z\text{-score} < 3$)
 UV: Unsatisfactory ($Z\text{-score} \leq -3$ or ≥ 3)
 BV: Unacceptable

Module	Parameter	Sample	Test System	Total	Assay	Method	Bivariate Analysis
Factor IX Inhibitor	Factor IX Inhibitor	26.61	1	0.62	0.65	0.72	
		26.62	1	0.45	0.48	0.51	

Factor IX Inhibitor	Factor IX Inhibitor
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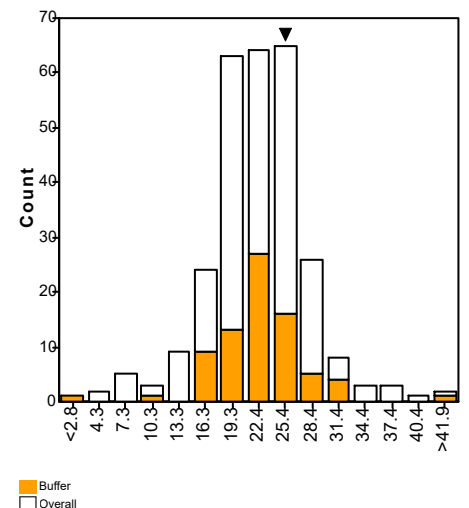
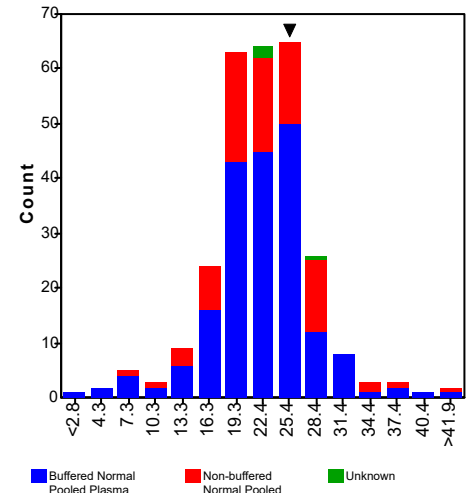
Sample No	26.61		
Sample Details	Plasma with a Factor IX Inhibitor level of approx. 25 BU/mL		
Prior Use	None		
Unit	BU/mL		
Expiry Date	31-December-2027		
Homogeneity	0.0 %	Homogeneity Parameter	FIX Inh
Number of Participants	280		
Number of Responders	263	Response Rate	94 %
Comments	None.		

Own Reagent

	n	assigned value	Uncert.	CV (%)	Range	your result	z-score	your result	z-score	your result	z-score
Total Group	279	22.3	0.35	21.2	0.0 - 50.1	25.2	0.62				
Buffered Normal Pooled Plasma	194	22.2	0.42	21.1	0.0 - 45.0	25.2	0.65				
Buffer	77	22.3	0.57	18.1	0.0 - 45.0	25.2	0.72				

Other Reagents

	n	assigned value	Uncert.	CV (%)	Range
Total Group	279	22.3	0.35	21.2	0.0 - 50.1
Unknown	3	23.6			23.2 - 28.3
Buffer	1	23.6			-
Factor IX deficient plasma	1	28.3			-
Unknown	1	23.2			-
Buffered Normal Pooled Plasma	194	22.2	0.42	21.1	0.0 - 45.0
Buffer + Albumin	18	23.1	1.56	23.0	12.5 - 31.1
Factor IX deficient plasma	76	22.0	0.73	23.0	2.9 - 40.0
Heat-inactivated normal plasma	10	18.7	3.28	44.5	5.1 - 26.3
Other	13	22.6	2.29	29.2	10.0 - 37.8
Non-buffered Normal Pooled Plasma	82	22.4	0.68	21.9	8.7 - 50.1
Buffer	44	22.0	0.90	21.8	11.2 - 33.9
Buffer + Albumin	2	26.9			24.3 - 29.4
Factor IX deficient plasma	24	23.7	1.38	22.9	12.3 - 50.1
Heat-inactivated normal plasma	3	19.1			8.7 - 20.8
Other	8	20.0			17.2 - 28.7
Unknown	1	20.0			-



Factor IX Inhibitor	Factor IX Inhibitor
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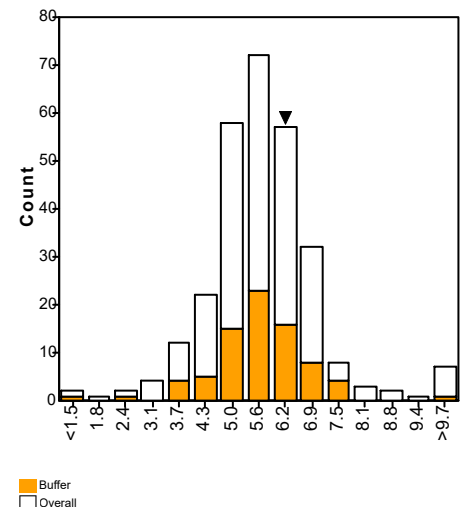
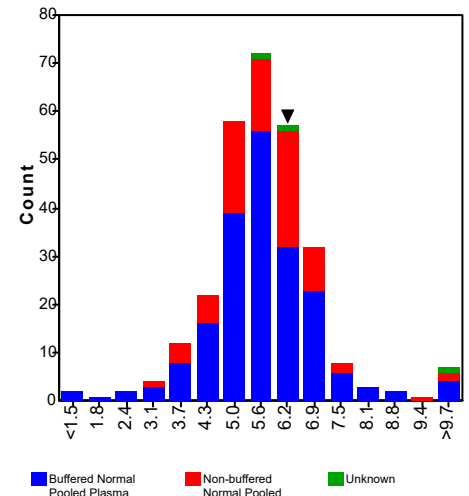
Sample No	26.62		
Sample Details	Plasma with a Factor IX Inhibitor level of approx. 5 BU/mL		
Prior Use	None		
Unit	BU/mL		
Expiry Date	31-December-2027		
Homogeneity	12.3 %	Homogeneity Parameter	FIX Inh
For any method used for the measurement of this parameter with a CV ≤ 41.0% the criterion for homogeneity could not be met and the Z-scores should be interpreted with caution. See for further details the paragraph on the statistical evaluation in the Survey Manual.			
Number of Participants	280		
Number of Responders	263	Response Rate	94 %
Comments	None.		

Own Reagent

	n	assigned value	Uncert.	CV (%)	Range	your result	z-score	your result	z-score	your result	z-score
Total Group	283	5.6	0.08	18.0	0.0 - 21.9	6.1	0.45				
Buffered Normal Pooled Plasma	197	5.6	0.09	18.3	0.0 - 21.9	6.1	0.48				
Buffer	78	5.6	0.13	16.8	0.0 - 11.0	6.1	0.51				

Other Reagents

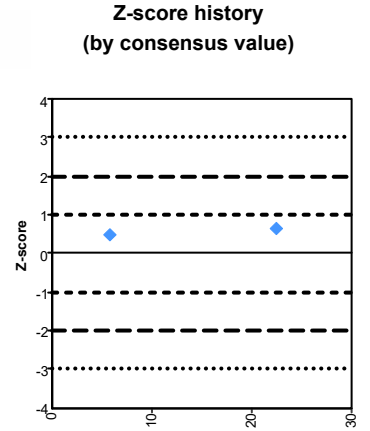
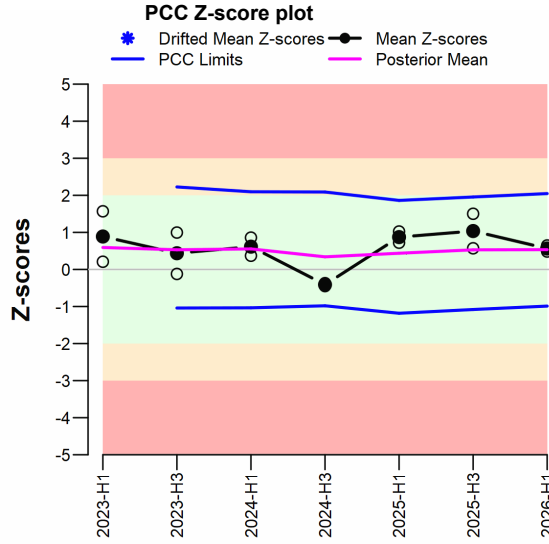
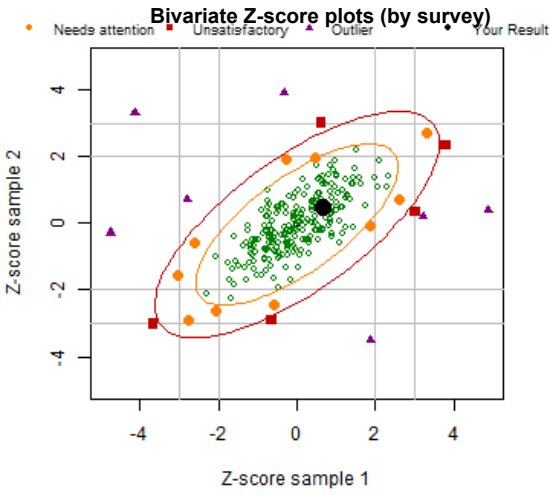
	n	assigned value	Uncert.	CV (%)	Range
Total Group	283	5.6	0.08	18.0	0.0 - 21.9
Unknown	3	6.2			5.4 - 9.8
Buffer	1	5.4			-
Factor IX deficient plasma	1	9.8			-
Unknown	1	6.2			-
Buffered Normal Pooled Plasma	197	5.6	0.09	18.3	0.0 - 21.9
Buffer + Albumin	18	5.4	0.25	16.0	0.0 - 13.3
Factor IX deficient plasma	78	5.7	0.15	19.1	2.0 - 11.3
Heat-inactivated normal plasma	10	5.2	0.56	27.4	2.5 - 21.9
Other	13	5.8	0.49	24.5	3.7 - 8.4
Non-buffered Normal Pooled Plasma	83	5.7	0.14	17.5	2.8 - 14.4
Buffer	45	5.5	0.20	19.6	3.6 - 14.4
Buffer + Albumin	2	6.5			6.2 - 6.9
Factor IX deficient plasma	24	6.0	0.21	13.7	4.7 - 12.6
Heat-inactivated normal plasma	3	6.4			5.5 - 9.6
Other	8	5.8			2.8 - 6.5
Unknown	1	6.0			-



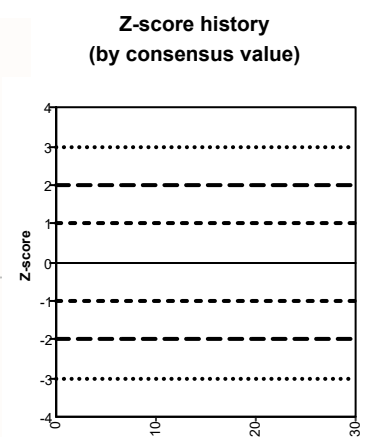
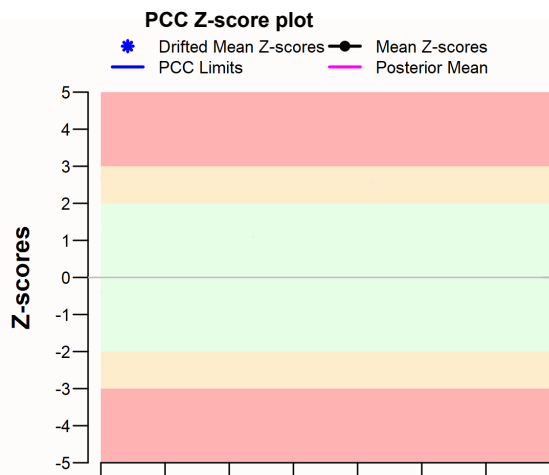
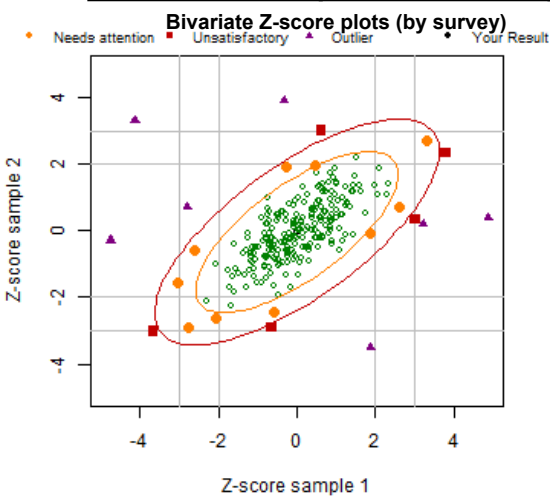
Factor IX Inhibitor

Factor IX Inhibitor

Instrument ID



Instrument ID



Instrument ID

