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Weqas

GLOBAL PROVIDER OF QUALITY
IN DIAGNOSTIC MEDICINE



EXTERNAL
QUALITY
ASSESSMENT



INTERNAL
QUALITY
CONTROL



REFERENCE
MEASUREMENT
SERVICES



EDUCATION &
TRAINING

Weqas Connect POCT EQA Report Interpretation

Samantha Jones

Presentation Summary

- Weqas Connect current migration status for POCT
- Current Report Repertoire
 - Standard Report (covered in full by Gareth Davies on Day 1)
 - Simplified Report
 - POCT Co-ordinators Report
 - Poor Performance Report
 - Non Returns Report
 - Raw Data Report
 - Instrument Report

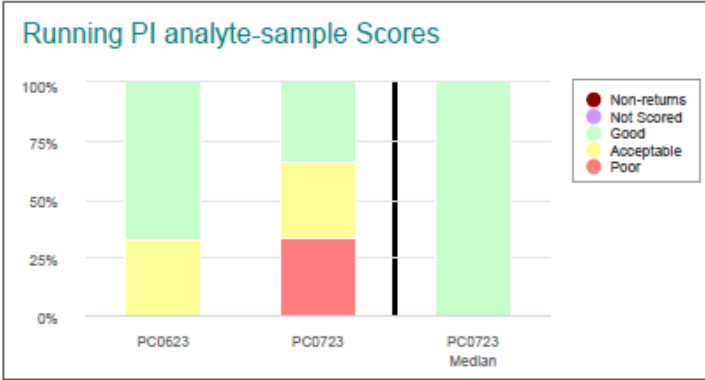
One portal for all programmes – Weqas Connect

The screenshot displays the Weqas Connect web portal. A central callout box labeled "Weqas Connect" points to the main content area. To the left, a callout box labeled "Weqas Interactive" highlights the left-hand navigation menu, which includes options like "Logout", "Home", "PDF Report Prefs", and a list of administrative functions such as "Queued Jobs", "Distributions", "Users", "Pools", "Materials", "Analytes", "Regions", "Reports", "Methods", "Manufacturers", "Suppliers (C & R)", "Instruments", "Sections", "Scheme Admin", "Lab Orders", "Prices", "Site Text", "Audit", "Add Lab", "Add Region", "Mailer", "Utilities", and "Report Statuses". Below this menu is a "Find Lab:" search field and a "Go" button. To the right, a callout box labeled "POCT Interactive (CueSee)" points to a registration form with fields for "username", "password", and a "log-in" button. The main portal content includes the "Weqas Connect" logo, contact information (office@weqas.com | +44 (0) 2920 314750), a navigation bar with "Home", "Instruments", "Participants", "Distributions", "Reports", and "Users", and a user profile "Adam1@CCCC". The main content area features a "Participant Home" banner with a background image of a hand using a pipette, and four primary action buttons: "Instruments" (with subtext "Register laboratory or Point of Care instruments for EQA."), "Programme Registrations" (with subtext "View registrations in EQA Programmes."), "Submit results", and "Download reports".

Standard Reports

Programme: Procalcitonin • Distribution Code: PC0723
 Distribution Start: 18-Jul-2023 • Distribution End: 01-Aug-2023 • Report Issued: 10-Aug-2023 • Report Status: Final
 Requested By: gareth@weqas.com

This Distribution	
Your % Poor PI	33%
Median All Participant % Poor PI	0%
97.5 th Centile % Poor PI	55%



PI Ranges	
<1	Good
1-2	Acceptable
>2	Poor

Hyperlink to take you directly to the analyte report

Individual Sample PIs converted to performance category of 'warning'

PI Scores	
Location	
Instrument Name	
Instrument Serial #	1393-838R0
Procalcitonin	Warning
Overall % poor PI	33%
Overall % Non-return	0%

Weqas specific comment

Participant comment

PI Code	Meaning
N/A	Not enrolled for this analyte
NRR	Analyte enrolled but no results returned
N/S	This quantitative analyte not scored for this distribution

***** Please note *****

The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment
 There is no specific comment for this distribution.

No participant comments have been submitted for any instruments for this distribution.

Programme: Procalcitonin • Distribution Code: PC0723
 Distribution Start: 18-Jul-2023 • Distribution End: 01-Aug-2023 • Report Issued: 10-Aug-2023 • Report Status: Final

Participant Code: WQ000 • Location: • Analyser Name: n/a • Serial #: 1393-838R0
 Date Samples received: 19-Jul-2023 • Date of Analysis: 19-Jul-2023 • Operator Details: TH • Storage Conditions: 2 - 8 °C

Analyte: Procalcitonin • Method: Radiometer • Kit: PCT Test Kit (942-970)

Procalcitonin ng/ml					
	Your reported result (ng/ml)		Method: Radiometer	Instrument Model: AQT90 FLEX	Overall
Sample 1	0.58	Mean	0.575	0.575	0.485
		SD	0.024	0.024	0.038
		Uncertainty	0.0148	0.0148	0.0067
		n	4	4	52
Sample 2	4.4	Mean	4.525	4.525	3.551
		SD	0.251	0.251	0.294
		Uncertainty	0.1572	0.1572	0.0509
		n	4	4	52
Sample 3	9.5	Mean	9.325	9.325	7.291
		SD	0.457	0.457	0.615
		Uncertainty	0.2857	0.2857	0.1067
		n	4	4	52

Hyperlink here to drill down into instrument details for this method group.

Your result compared to Method and Overall Mean.
 Instrument data provided for information.

Instrument Report

Distribution Code: **PC0723**
 Distribution Date: **18-Jul-2023**
 Analyte: **Procalcitonin (ng/ml)**
 Method: **Radiometer**
 Manufacturer: **All**
 Instrument Model: **AQT90 FLEX**
 Kit: **All**

Procalcitonin

Key.

- red Outside Expected Range
- * Method Transformed

Participant Code	Location Name	Instrument Name	Instrument Serial Number	1	2	3
WQ0000			838R0	0.57	4.6	8.9
WQ00			1393-838R0	0.58	4.4	9.5
WQ0			1393-838R	0.55	4.3	9.1

Target value shows whether you are scored against Overall Mean, Method Mean or Reference Value

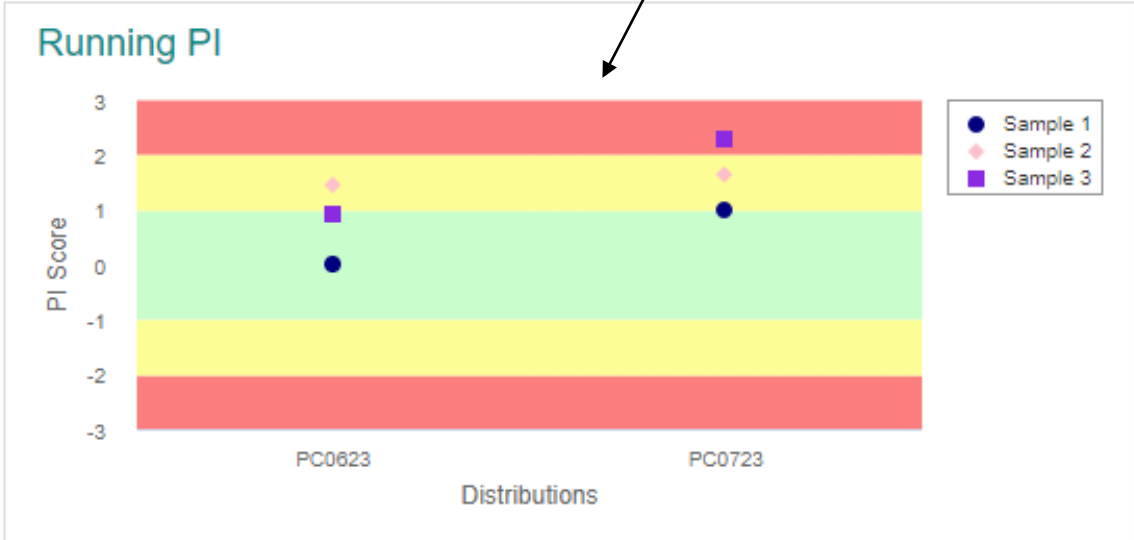
Scoring

Sample	1	2	3	Overall Performance
Target: (Overall Mean)	0.485	3.551	7.291	
Weqas TAE	0.192	1.038	1.955	
PI	0.99	1.64	2.26	Warning

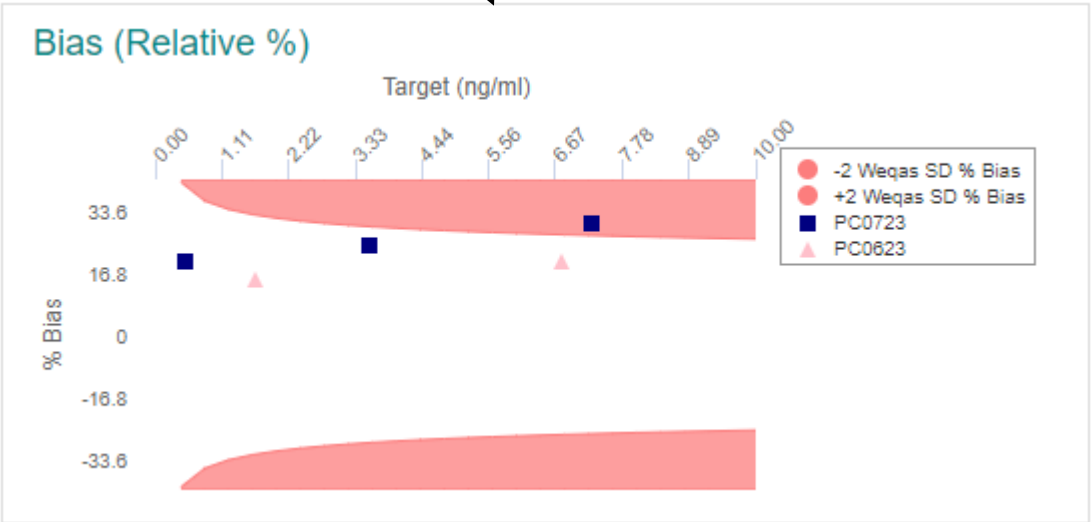
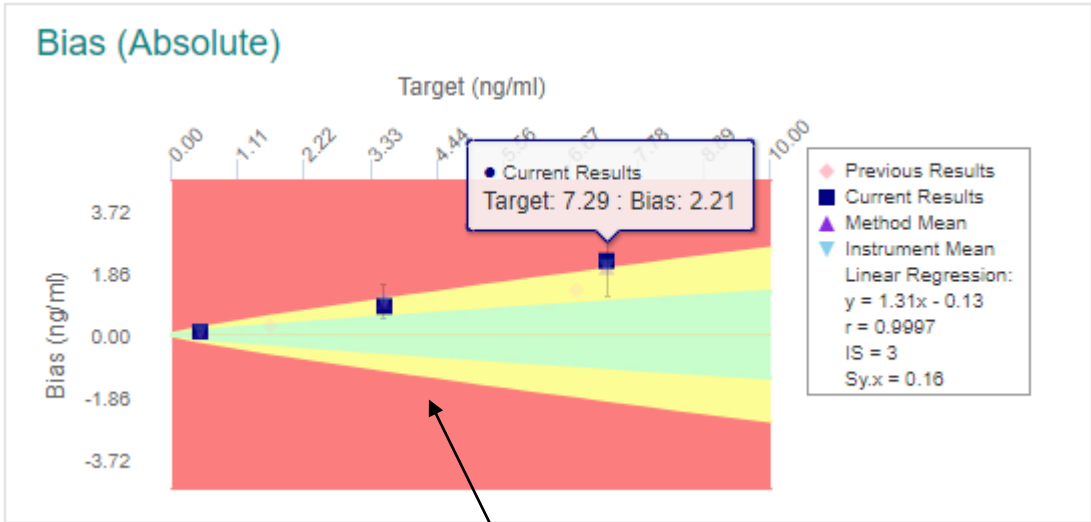
Weqas TAE (Total Allowable Error) - this is 2 * Weqas SD

PI (Performance Index) is your performance score for each sample, colour coded to signify performance category.

Running PI shows performance over time. This graph will show 6 distributions in total (current plus 5 previous).



Relative Bias chart (% bias). In this example, data shows positive bias for all samples



Absolute Bias chart (Bias in units of measurement. In this example data shows proportional positive bias ($y=mx+c$ shows m as 1.31, so 31% positive bias). Participant data follows instrument data.

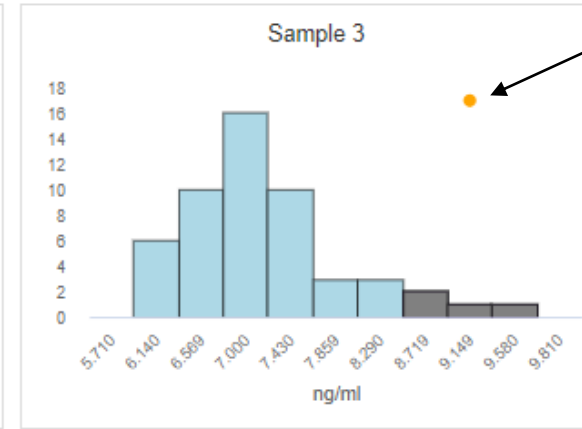
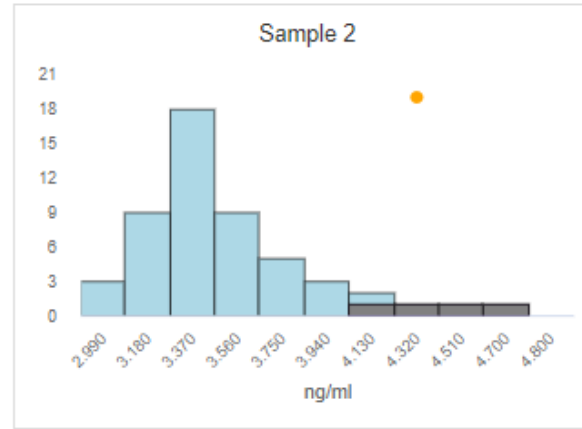
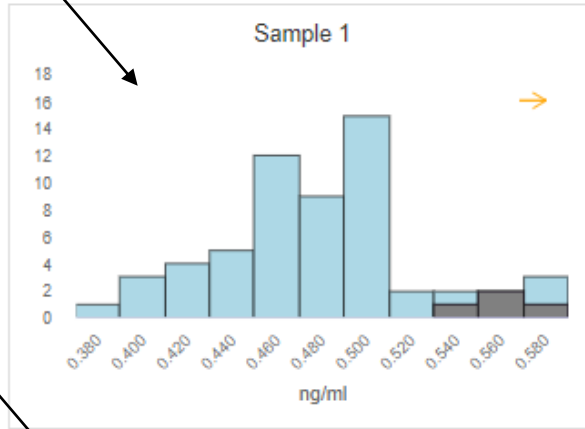
Sy,x is the average deviation from the best fit line and is an index of scatter.

Precision

	PC0623	This distribution: PC0723
Sy,x		0.16
IS		3

IS Score	Interpretation
0 to 10	Good
11 to 150	Acceptable to Warning level
> 150	Unacceptable (incl. Curvilinear Data)

The orange dot shows where your result lies. An orange arrow signifies your result is outside of the graph limits.



■ All Results ■ My Method ■ My Instrument ● My Result

Method Summary

PC0723	Sample 1		Sample 2		Sample 3	
Method Name	Mean	CV%	Mean	CV%	Mean	CV%
Abbott (n=8)	0.326	19.1	2.519	10.8	5.025	11.4
Beckman (n=8)	0.469	8.4	3.745	6.5	7.706	7.2
Radiometer (n=4)	0.575	4.1	4.525	5.6	9.325	4.9
Roche ECLIA (n=29)	0.486	5.0	3.412	5.4	7.056	6.3
Siemens (n=3)	0.673	3.5	4.963	1.7	10.220	3.1

There are no Weqas or Participant supplied comments for Procalcitonin for this distribution.

Any analyte specific comments from Weqas or the participant are shown here.

The histograms shows breakdown of results for each sample, showing the spread of results for All Results, 'My Method' and 'My Instrument'.

The Method Summary shows Mean and CV for each Method for each sample.

Simplified Reports

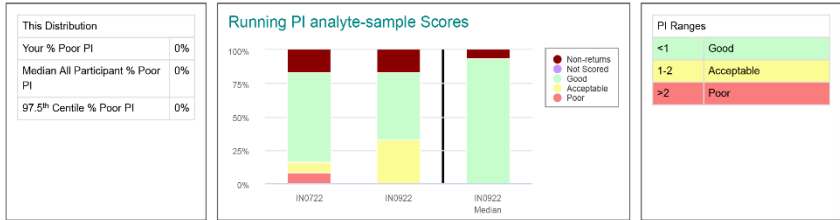
Participant Code: WQ00000

#####

Weqas

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Email: office@weqas.com
Programme Organiser: Mrs Annette Thomas

Programme: POCT INR • Distribution Code: IN0922
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: n/a • Report Status: n/a
Requested By: #####



Location	Instrument Serial #	Instrument Name	INR	Overall % Poor PI	Overall % Non-Return
Anti-Coag Clinic	TZ1000001		Good	0%	0%
	TZ1000002		Acceptable	0%	0%
Day Surgery Unit	TZ1000003		Good	0%	0%
Endoscopy Unit	TZ1000004		Good	0%	0%
Ward 1	TZ1000005		Acceptable	0%	0%
Ward 2	UQ0000001		Acceptable	0%	0%
Pathology 1	UQ0000002		Good	0%	0%
Ward 3	TZ1000006		Good	0%	0%
Ward 4	TZ1000007		Acceptable	0%	0%
Ward 5	UQ0000003		NRR	0%	100%
West Building	TZ1000008		NRR	0%	100%
West Building Ward 1	U00000004		Good	0%	0%

PI Code	Meaning
N/A	Not enrolled for this analyte
NRR	Analyte enrolled but no results returned
N/S	This quantitative analyte not scored for this distribution

****** Please note******

The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment
There is no specific comment for this distribution.

Participant submitted comments

Location	Instrument Name / Serial #	Distribution specific comment from the participant
West Building	TZ1000008	ANALYSER NOT IN CLINICAL USE - AWAITING TRAINING FROM ROCHE

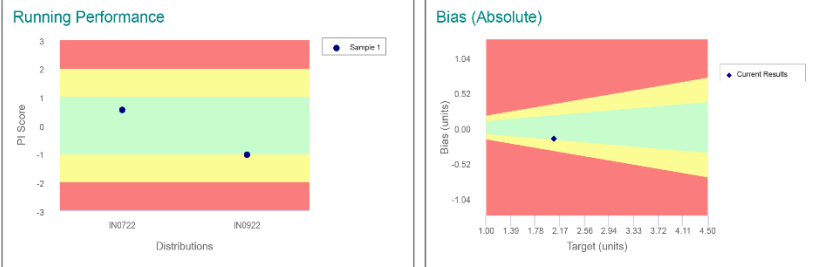
Reports are very interactive. You can hover over various parts of any of the graphical displays within the reports to focus in on the element you wish to see.

[Sign in - Weqas Connect](#)

Programme: POCT INR • Distribution Code: IN0922
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: • Report Status: n/a

Participant Code: WQ00000 • Location: Anti-Coag Clinic • Analyser Name: n/a • Serial #: TZ1000002
Date Samples received: n/a • Date of Analysis: n/a • Operator Details: n/a • Storage Conditions: 2 - 8 °C

Analyte: INR • Method: CoaguChek Pro II • Kit: n/a



Your overall performance for this analyte is: Acceptable

- Your results for this distribution are acceptable

There are no Weqas or Participant supplied comments for INR for this distribution.

Simplified Reports

Distribution details and report status.

Participant Code replaces Lab Code.

Participant Code: WQ00000

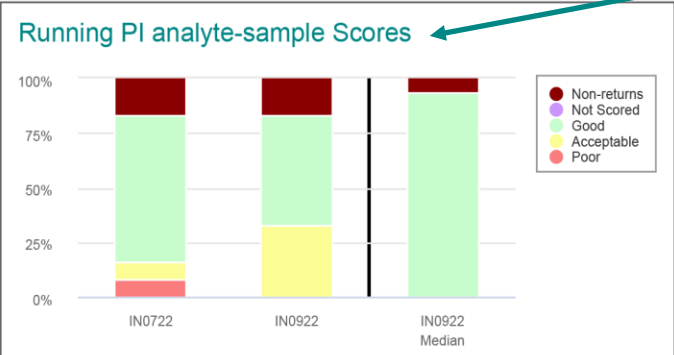
#####

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Email: office@weqas.com
Programme Organiser: Mrs Annette Thomas

Programme: **POCT INR** • Distribution Code: **IN0922**
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: n/a • Report Status: n/a
Requested By: #####

Your % Poor PI (Performance Index) across all samples for all instruments, the Median All Participants % Poor PI and the 97.5th Centile % Poor PI.

This Distribution	
Your % Poor PI	0%
Median All Participant % Poor PI	0%
97.5 th Centile % Poor PI	0%



PI Ranges	
<1	Good
1-2	Acceptable
>2	Poor

The running table shows the current distribution PI scores, and ultimately the previous 5 distribution PI scores for all analytes, for your Participant Code, plus all-Participant Median performance.

Simplified Reports

The PI Scores table shows performance for all analytes and all instruments.

PI Scores are converted into performance categories and colour coded.

Location	Instrument Serial #	Instrument Name	INR	Overall % Poor PI	Overall % Non-Return
Anti-Coag Clinic	TZ1000001		Good	0%	0%
	TZ1000002		Acceptable	0%	0%
Day Surgery Unit	TZ1000003		Good	0%	0%
Endoscopy Unit	TZ1000004		Good	0%	0%
Ward 1	TZ1000005		Acceptable	0%	0%
Ward 2	UQ0000001		Acceptable	0%	0%
Pathology 1	UQ0000002		Good	0%	0%
Ward 3	TZ1000006		Good	0%	0%
Ward 4	TZ1000007		Acceptable	0%	0%
Ward 5	UQ0000003		NRR	0%	100%
West Building	TZ1000008		NRR	0%	100%
West Building Ward 1	U00000004		Good	0%	0%

Overall % Poor PI across all analytes for each instrument, and Overall % non return for each instrument.

Simplified Reports

Key for PI Codes.

PI Code	Meaning
N/A	Not enrolled for this analyte
NRR	Analyte enrolled but no results returned
N/S	This quantitative analyte not scored for this distribution

****** Please note******
 The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment
 There is no specific comment for this distribution.

Participant submitted comments

Location	Instrument Name / Serial #	Distribution specific comment from the participant
West Building	TZ1000008	ANALYSER NOT IN CLINICAL USE - AWAITING TRAINING FROM ROCHE

Distribution Specific Comments from Weqas or participant.

Simplified Reports

'Your reported result' will be shown in the units entered, in the Weqas standard units (if units entered are different from the Weqas standard units), and method corrected result (if appropriate for the analyte).

This will show whether you have been scored against Reference Value, Method Mean or Overall Mean and the actual target value will be shown here.

Programme: POCT INR • **Distribution Code:** IN0922
Distribution Start: 13-Sep-2022 • Distribution End: 11-Oct-2022 • Report Issued: • Report Status: n/a

Participant Code: WQ00000 • **Location:** Anti-Coag Clinic • **Analyser Name:** n/a • **Serial #:** TZ1000002
Date Samples received: n/a • Date of Analysis: n/a • Operator Details: n/a • Storage Conditions: 2 - 8 °C

Analyte: INR • **Method:** CoaguChek Pro II • **Kit:** na

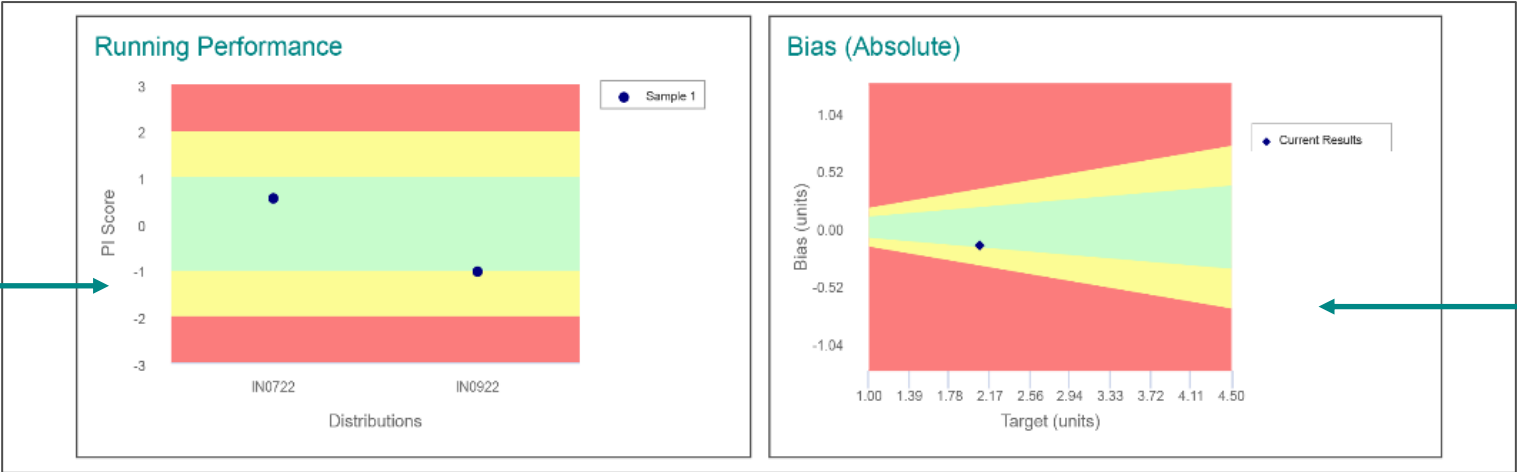
INR (units)	
	Sample 1
Your reported result (units)	1.9
Your results are scored against: (Method Mean)	2.073

- Good
- Acceptable
- Poor – discuss with POCT Coordinator

The individual Location and instrument details will be shown here.

Simplified Reports

Running Performance chart shows the PI (Performance Index) score for each sample for the current distribution and the last 5 distributions, with colour coding for each performance category.



The Bias (Absolute) Plot shows absolute bias in Weqas standard units for each sample for the current distribution. The x-axis is the target value; if the target value is a Reference Value or the Overall Mean, your Method Means will be plotted.

Simplified Reports

Overall Performance is shown as a 'Traffic light', with performance colour coded to easily identify the performance category.

The report layout consists of a main container with three sections. On the left is a vertical traffic light icon with a yellow light illuminated. To its right is a text box containing the overall performance status and a bullet point. Below this is a separate box for comments.

	<p>Your overall performance for this analyte is: Acceptable</p> <ul style="list-style-type: none">Your results for this distribution are acceptable
<p><i>There are no Weqas or Participant supplied comments for INR for this distribution.</i></p>	

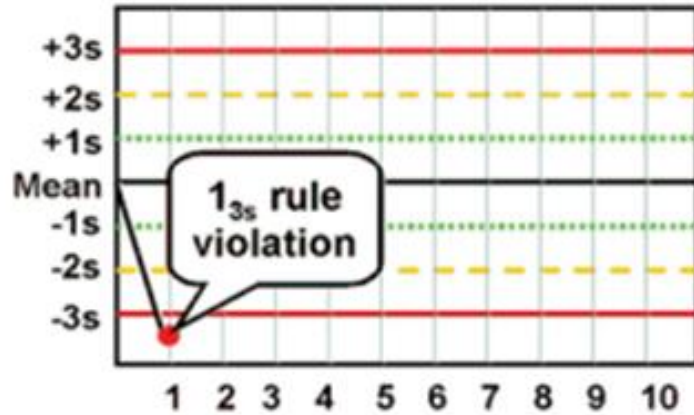
Overall Performance is stated here along with a basic interpretation of your performance and potential error identified.

Analyte Specific Comments from Weqas or participant.

Performance Comments

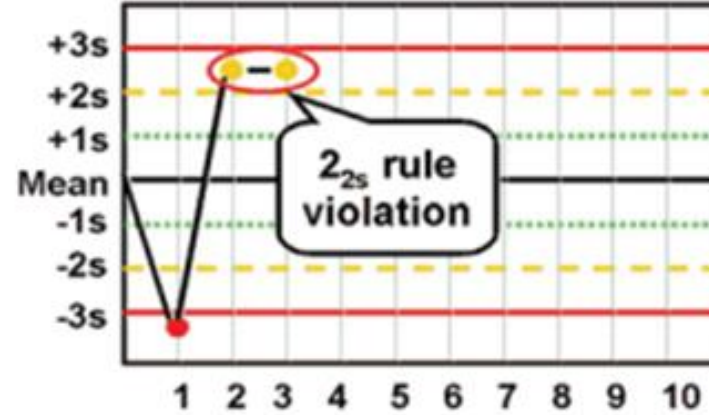
Your results for this distribution are acceptable
You have at least one sample in this distribution with a poor score: score > 2
You have at least two samples in this distribution with a poor score: score > 2
Your results show a consistent bias.
Please discuss your results with your EQA officer / POCT Co-ordinator
There are no current performance alerts for this analyte
Non-compliance: you have not reported results for this analyte
You have at least one sample in this distribution with a very poor score: score > 3
Your results suggest a potential bias
You have poor performance for this distribution due to a mixed positive and negative bias
Scoring is currently unavailable for your reported results
You have a poor score for this distribution: score > 2

Examples of rules used for the Performance Alert



Comment:

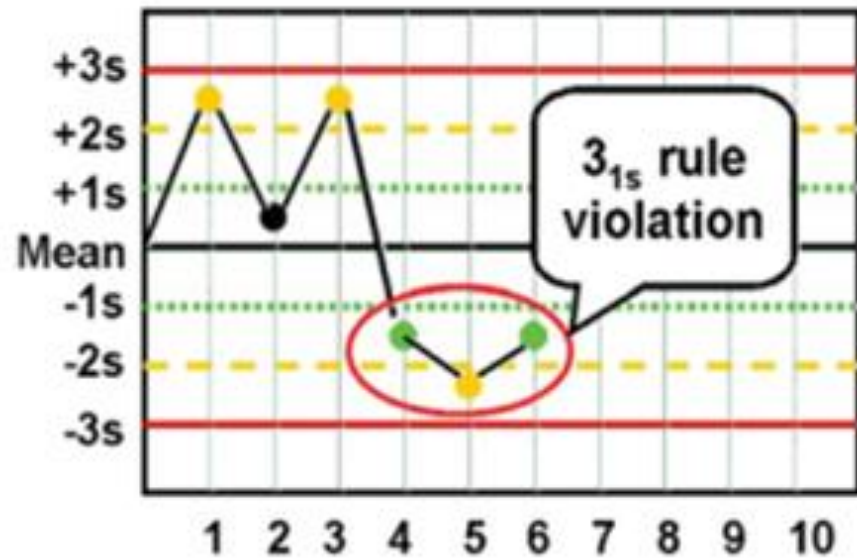
You have at least one sample in this distribution with a very poor score: $|\text{score}| > 3$



Comment:

You have at least two samples in this distribution with a poor score: $|\text{score}| > 2$

Consistent Bias



Comment:

Your results show a consistent bias.

The rule is used when the distribution has a set of 3 or more samples.

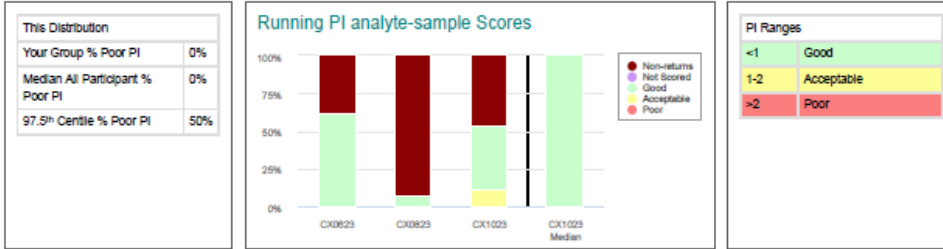
If the PI (Performance Index) for all samples is >1
OR PI for all samples < -1

The rule does not show whether the bias is positive or negative, but indicates that there is a bias to be investigated.

This example shows a negative bias.

Group User Summary page

Programme: POCT CRP • Distribution Code: CX1023
Distribution Start: 17-Oct-2023 • Distribution End: 31-Oct-2023 • Report Issued: 16-Nov-2023 • Report Status: Final
Requested By: sam@weqas.com



Participant Code	Location	Instrument Serial #	Instrument Name	CRP	Overall % Poor PI	Overall % Non-Return
WQ00428	Surgery 1	AS 00519		Good	0%	0%
WQ00432	Surgery 2	AS 00537		NRR	0%	100%
WQ00437	Surgery 3	AS 00549		Acceptable	0%	0%
WQ00438	Surgery 4	AS 00381		NRR	0%	100%
WQ00443	Surgery 5	AS 00400		NRR	0%	100%
WQ00444	Surgery 6	AS 00519		NRR	0%	100%
WQ00461	Surgery 7	AS 00533		Good	0%	0%
WQ00462	Surgery 8	AS 00518		NRR	0%	100%
WQ00464	Surgery 9	AF 200333		Good	0%	0%
WQ00470	Surgery 10	AS 00339		Good	0%	0%
WQ00471	Surgery 11	AS 00548		NRR	0%	100%
WQ00475	Surgery 12	AS 00558		Acceptable	0%	0%
WQ00477	Surgery 13	AF 200356		Good	0%	0%

PI Code	Meaning
N/A	Not enrolled for this analyte
NRR	Analyte enrolled but no results returned
N/S	This quantitative analyte not scored for this distribution

***** Please note*****
The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment
There is no specific comment for this distribution.

Participant submitted comments

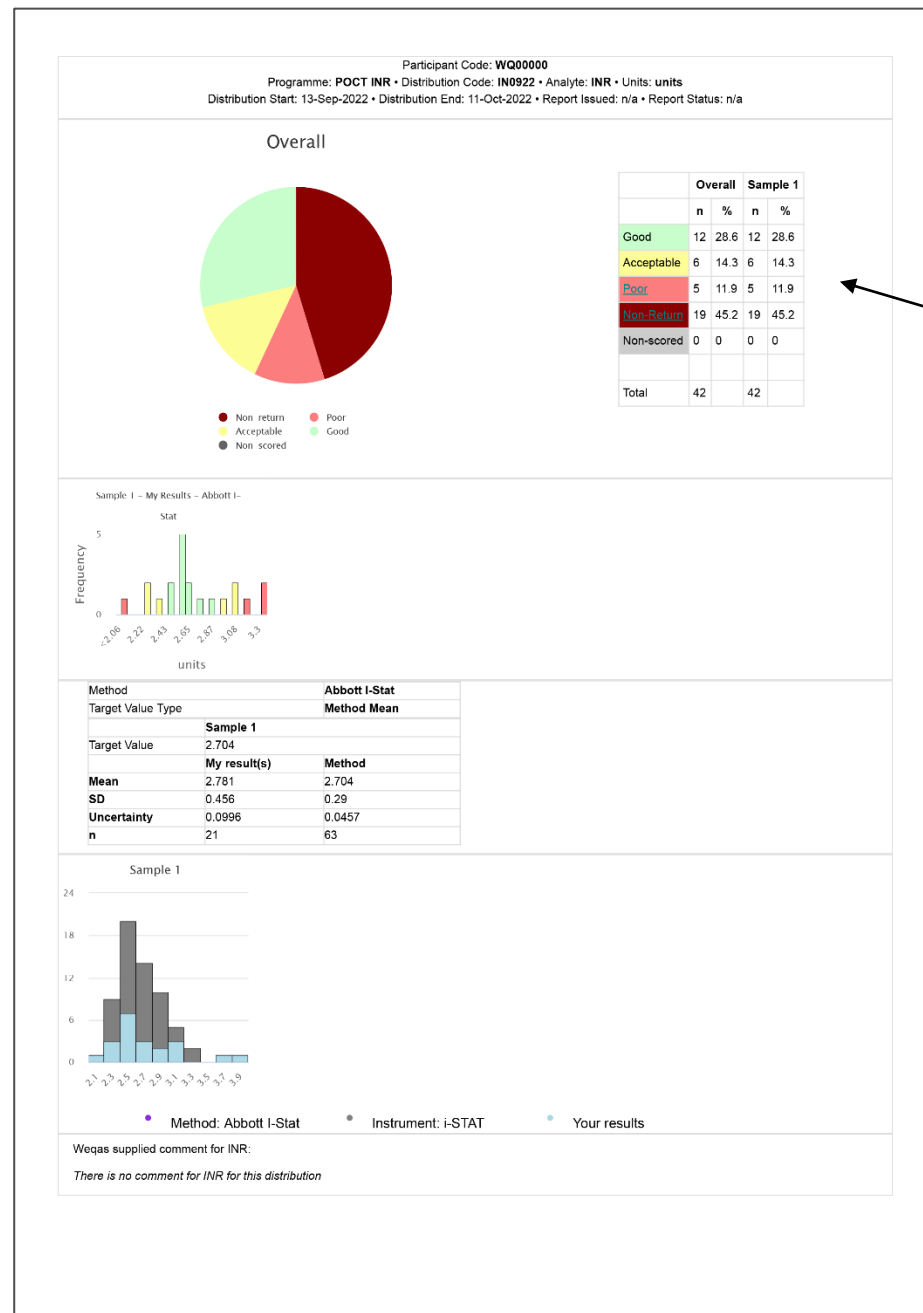
Participant	Location	Instrument Name / Serial #	Distribution specific comment from the participant
WQ00428	Surgery 1	AS 00519	no lot number provided
WQ00461	Surgery 7	AS 00533	no lot number given and there is a possibility that the sample has been left out of the fridge before testing
WQ00464	Surgery 9	AF 200333	no lot numbers provided
WQ00470	Surgery 10	AS 00339	no lot number supplied
WQ00475	Surgery 12	AS 00558	no lot number provided
WQ00477	Surgery 13	AF 200356	no lot number provided

POCT Co-ordinators Report

Reports are very interactive.

You can hover over various parts of any of the graphical displays within the reports to focus in on the element you wish to see.

[Sign in - Weqas Connect](#)



Hyperlinks on 'Poor' and 'Non Returns' to take you to further information.

Poor Performance report from Hyperlink

Participant Code: **WQ00**

Programme: **POCT INR** • Distribution Code: **IN0922** • Analyte: **INR** • Units: **units**

Distribution Start: **13-Sep-2022** • Distribution End: **11-Oct-2022** • Report Issued: **26-Oct-2022** • Report Status: **Final**

Location	Serial #	Name	Sample 1 result	Sample 1 score	Overall performance
	338	n/a	3.3	2.76	Poor
	338	n/a	3.2	2.29	Poor
	338	n/a	3.3	2.76	Poor
	34	n/a	3.2	2.29	Poor

Request PDF of Simplified Analyte reports for all poor performing instruments for this analyte [Request PDF](#)

PDF will be created only for the sites that have poor performance to allow full review of the individual reports.

Non>Returns report from Hyperlink

Non>Returns Report

Participant: **WQ00001**

Programme: **POCT INR** • Distribution Code: **IN0922** • Analyte: **INR**

Distribution start: **13-Sep-2022** • Distribution End: **11-Oct-2022** • Report Issued: **26-Oct-2022** • Report Status: **n/a**

Participant Code	Location	Serial #	Name
WQ00001	POCT Lab		n/a
WQ00001	POCT Lab		n/a

POCT Co-ordinators Report

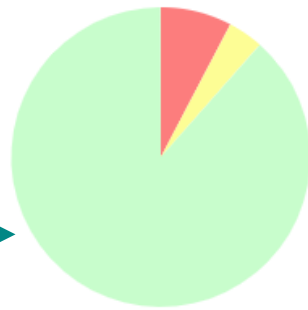
Participant Code,
Distribution details and
report status.

Participant Group: **POCT**
 Programme: **Blood Gas** • Distribution Code: **BG1124** • Analyte: **Potassium** • Units: **mmol/L**
 Distribution Start: 11-Nov-2024 • Distribution End: 25-Nov-2024 • Report Issued: 04-Dec-2024 • Report Status: Final

Numerical analyte specific
breakdown of performance
categories for each sample
and overall for your
Participant, Group or Super
Group dependent on access
level and report chosen.

Analyte specific
breakdown of
performance categories
for all samples.

Overall



● Non-return ● Poor
 ● Acceptable ● Good
 ● Non-scored

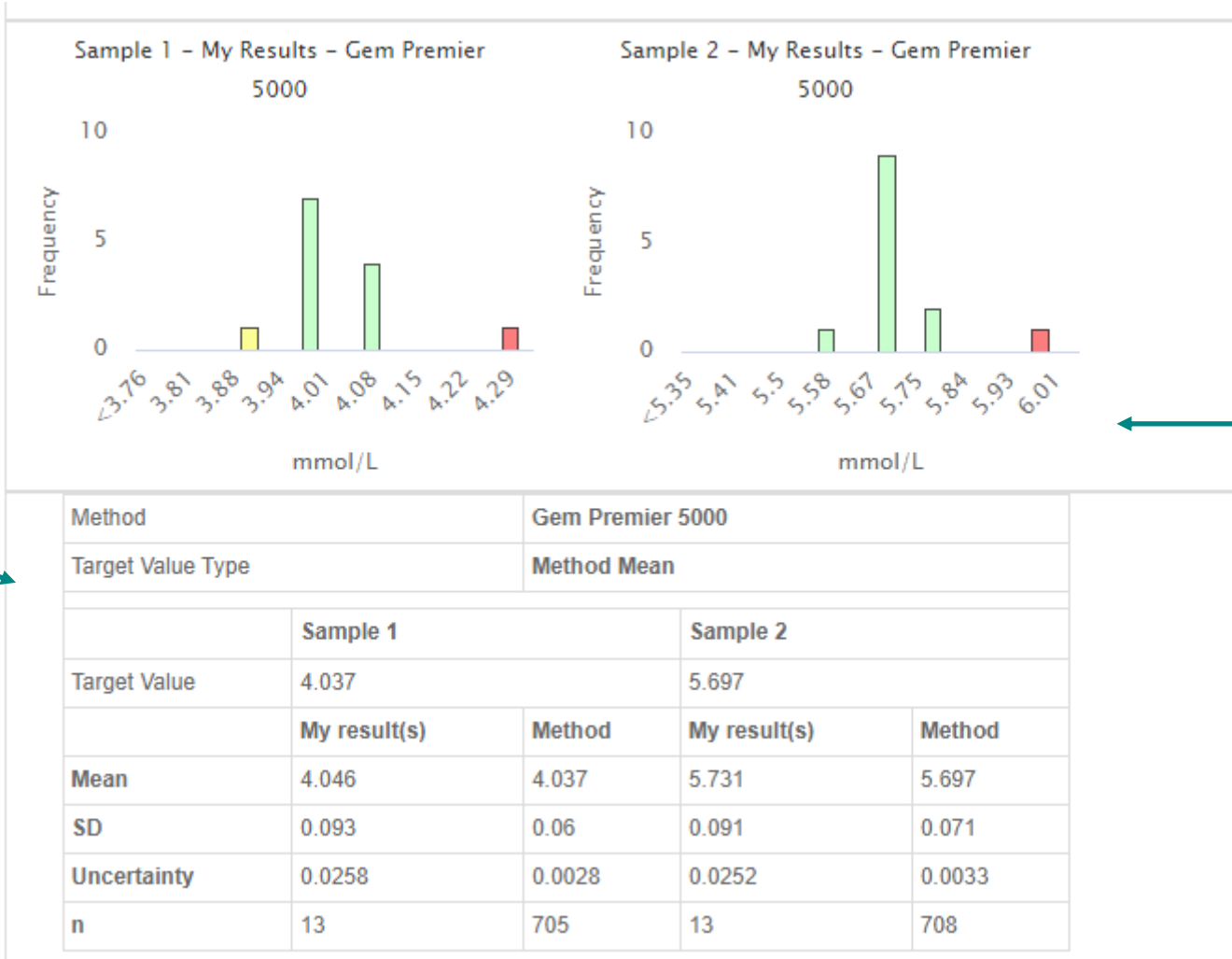
	Overall		Sample 1		Sample 2	
	n	%	n	%	n	%
Good	23	88.5	11	84.6	12	92.3
Acceptable	1	3.8	1	7.7	0	0
Poor	2	7.7	1	7.7	1	7.7
Non-Return	0	0	0	0	0	0
Non-scored	0	0	0	0	0	0
Total	26		13		13	

POCT Co-ordinators Report

Method specific data table showing:

- Target Value to which the submitted result is compared against and Target Value type e.g. Method Mean.
- Mean and SD of your submitted results for this method / instrument.
- Method data (all participants within this method) is also supplied in the right-hand column.

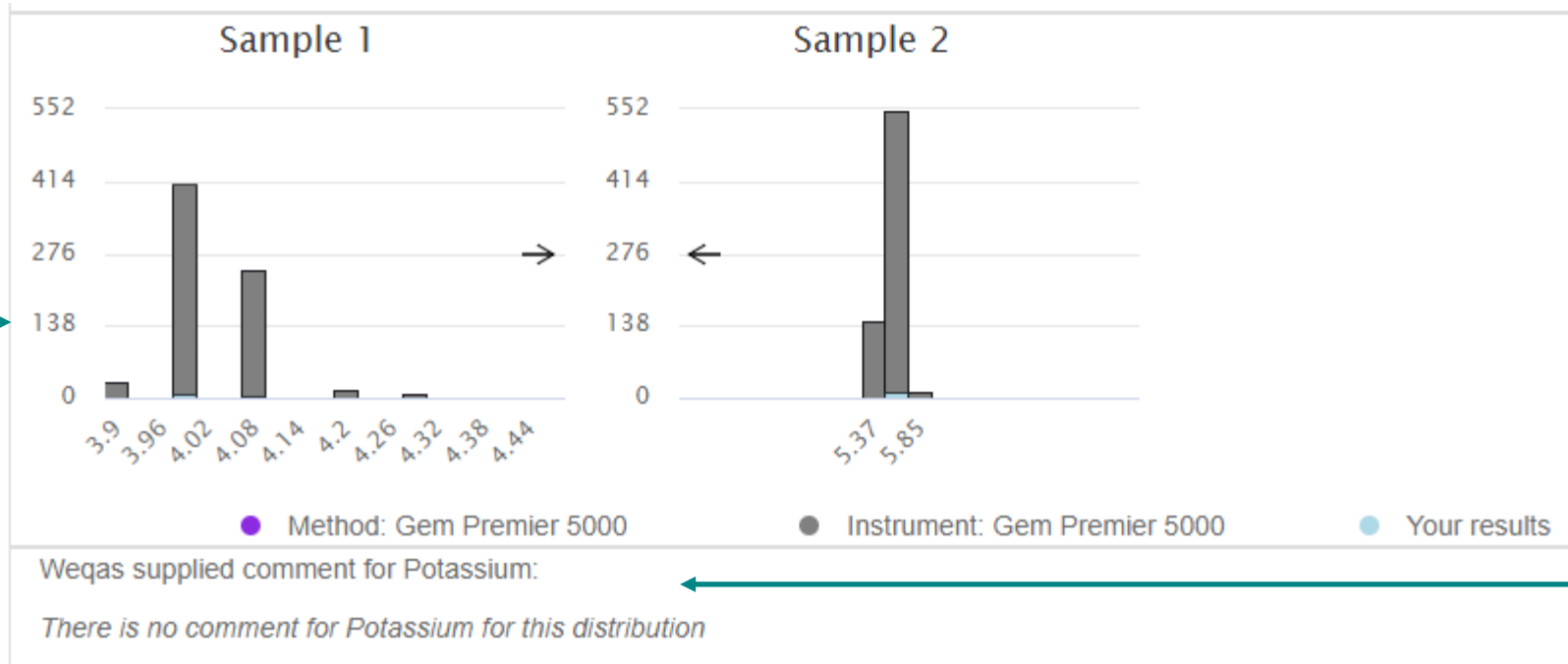
If you have more than one meter type, this data will be shown in a separate table.



Histograms showing the spread of your results. Bars are colour coded to show performance categories across the range.

POCT Co-ordinators Report

Histogram showing breakdown of results for each sample, showing the spread of results for your method, your instrument and your submitted results.



Distribution Specific Comments from Weqas or participant.

Raw Data Report

Distribution Code	Distribution Start Date	Distribution Close Date	Analyte Name	Location	Serial Number	Instrument Name
GK1124	29-Oct-2024	19-Nov-2024	Glucose	A&E	552043	
GK1124	29-Oct-2024	19-Nov-2024	Ketones	Paeds OPD	425851	

Sample 1 Target Value	Sample 1 Reported Value	Sample 1 PI Score	Analyte Performance Category
10.24	10.1	-0.18	Good
2.21	2.2	-0.02	Good

Linear Regression Slope	Linear Regression Intercept	Standard Deviation Of Residuals	The Coefficient Of Linear Correlation	Imprecision Score	Sigma Score

Instrument Report – all instruments

Instrument Report

Distribution Code: **CR1023**

Distribution Date: **09-Oct-2023**

Analyte: **All**

Method: **All**

Manufacturer: **All**

Instrument Model: **All**

Kit: **All**

Creatinine

Key

red	Outside Expected Range
*	Method Transformed

Participant Code	1	2	3
WQ00001			
WQ00002	259	706	476
WQ00002	285	732	492
WQ00007	364	1090	665
WQ00014	234	764	451
WQ00014	260	784	492
WQ00014	300	748	460
WQ00036	384	1081	654
WQ00038	263	768	474
WQ00038	240	775	468
WQ00038	302	765	478

Mean	22.9	6.4	10.3
SD	4.6	1	1
Uncertainty	0.52	0.11	0.11
Number	125	125	123
Reference Value			
Nonacoring Reference Value			

Method	Instrument	Kit		1	2	3	
I-STAT 4vMDRD			Mean	14.1	4	6.9	
			SD	0.8	0	0.6	
			Uncertainty	0.24	0	0.17	
			Number	18	18	17	
	Abbott I-STAT			Mean	15.6	4	7.5
				SD	0.6	0	0.6
				Uncertainty	0.43	0	0.41
				Number	3	3	3
	Abbott I-STAT Alinity			Mean	13.9	4	6.8
				SD	0.7	0	0.5
				Uncertainty	0.23	0	0.18
				Number	15	15	14
I-STAT CKD-EPI			Mean	15	4	7	
			SD	1.2	0.5	0.6	
			Uncertainty	0.26	0.11	0.13	
			Number	36	36	35	
	Abbott I-STAT			Mean	15	4.2	7.7
				SD	1.2	0.5	0.9
				Uncertainty	0.63	0.24	0.47
				Number	6	6	6
	Abbott I-STAT Alinity			Mean	15	4	6.9
				SD	1.3	0.6	0.6
				Uncertainty	0.29	0.13	0.13
				Number	30	30	29
NOVA 4vMDRD			Mean	19.6	6	10.5	
			SD	2.3	0.7	1.1	
			Uncertainty	0.42	0.12	0.2	
			Number	48	48	48	
	Nova StatSensor Creatinine Connectivity Meter			Mean	19.5	6	10.4
				SD	2.3	0.7	1.1
				Uncertainty	0.43	0.12	0.21
				Number	46	46	46
	Nova StatSensor Xpress Creatinine Meter			Mean	21.5	5.5	11.5
				SD	0.8	0.8	0.8
				Uncertainty	0.71	0.71	0.71
				Number	2	2	2

Instrument Report – instrument / kit selection

Instrument Report

Distribution Code: **CR1023**
 Distribution Date: **09-Oct-2023**
 Analyte: **Creatinine (µmol/L)**
 Method: **i-STAT**
 Manufacturer: **Abbott**
 Instrument Model: **i-STAT**
 Kit: **Abbott 03P84-25 i-STAT CREA**

Creatinine

Key

red	Outside Expected Range
*	Method Transformed

Participant Code	1	2	3
WQ00074	380	1064	691
WQ00074	361	1118	673
WQ00074	362	1147	680
WQ00074	369	1068	682
WQ00074	378	1085	695
WQ00074	375	1054	689
WQ00074	354	1053	658
WQ00241	382	1114	674
WQ00291	346 *	1011 *	654
WQ00291	377	1138	663
WQ00295	344 *	1032 *	640
WQ00295	343 *	1050	627 *

Overall	1	2	3
Mean	243.7	702.8	432.3

SD	44.4	101.3	63.3
Uncertainty	4.32	9.86	6.19
Number	165	165	163
Reference Value			
Nonscoring Reference Value			

Method	Instrument	Kit		1	2	3				
i-STAT			Mean	367.4	1096.4	672.1				
			SD	12.2	40.2	23.2				
			Uncertainty	1.64	5.38	3.15				
			Number	87	87	85				
			Abbott i-STAT			Mean	368	1090.2	669.3	
						SD	12.7	50.2	25.5	
	Uncertainty	2.86				11.47	5.81			
	Number	31				30	30			
	Abbott i-STAT CREA 03P84-25						Mean	368	1090.2	669.3
							SD	12.7	50.2	25.5
			Uncertainty	2.86	11.47		5.81			
			Number	31	30		30			