

# Weqas


## What do we need from our EQA reports?

Weqas Workshop

# Screen Captures from Weqas Interactive Development work

## November 2017

WEQASInstrument▼Participant▼Users▼Admin@GHB1Log off



## Weqas

Participant Home

### Register instruments

Register laboratory or Point of Care instruments for EQA.

Instruments

### Submit results

Enter or edit results for open distributions.

Results

### Scheme Subscriptions

Add or edit subscriptions to EQA Schemes.

Subscriptions

### Download reports

Download EQA reports for your registered instruments.

Reports

## Super Group

links together hospital groups for example to form a regional network

## Group

links together different Hospitals or sites

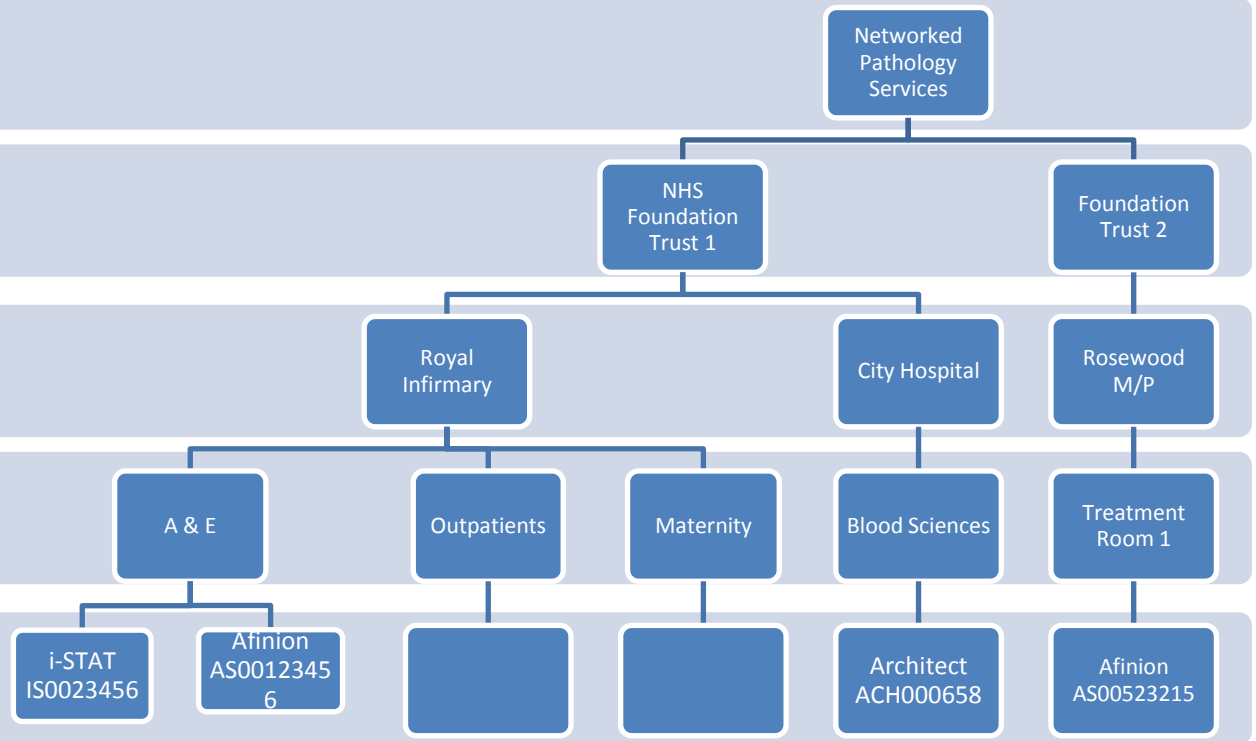
## Participant

represents an individual sample recipient – a hospital site or surgery

## Location

Represents a ward or clinic within the main site

## Instruments



# Create Location

Participant\*

GHB00001

▼

Location Name\*

Ward 1

Status

Active

▼

Primary Contact

Title

Nurse

Given Name

David

Family Name

Davies

Create

Back to List

Locations

Create Location

Show 25 entries

Search:

Participant Code	Location Name	Status	Primary Contact	
GHB00001	Ward 1	Active	Nurse David Davies	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

Showing 1 to 1 of 1 entries

Previous

1

Next

Registering an instrument

Create Instrument

Participant Code\*

GHB00001

Manufacturer\*

Model\*

My instrument is not listed ⓘ

Serial Number

Name

Current Location\*

Status

Active

Create

[Back to List](#)

Create Instrument

Participant Code\*

GHB00001

Manufacturer\*

Abbott

Model\*

Architect

i-STAT

Manual Determination

TEST PACK

Aeroset

AxSym

ImX

TDX

Vision

Serial Number

Name

Current Location\*

Status

Active

Create

[Back to List](#)

# Create Instrument

Participant Code\*

GHB00001

Manufacturer\*

Abbott

Model\*

i-STAT

My instrument is not listed ⓘ

Serial Number \*

The Serial Number field is required.

Name

Current Location\*

Ward 1

Status

Active

Create

[Back to List](#)

# Create Instrument

Participant Code\*

GHB00001

Manufacturer\*

Abbott

Model\*

i-STAT

My instrument is not listed ⓘ

Serial Number \*

IS00000019

An Instrument with the same Manufacturer and serial number already exists

Name

Current Location\*

Ward 1

Status

Active

Create

[Back to List](#)

# Instruments

✔ Successfully created instrument Pluto (IS00000021)



Create New

Show 10 entries

Search:



Participant Code	Location	Name	Manufacturer	Model	Serial Number	Status	
GHB00001	Ward 1	Pluto	Abbott	i-STAT	IS00000021	Active	<a href="#">Details</a> <a href="#">Edit</a> <a href="#">Registration</a>

Showing 1 to 1 of 1 entries

Previous 1 Next

# Registered Schemes

Instrument Pluto (IS00000021)  
Location Ward 1  
Participant Code GHB00001

Register

Show 10 entries

Search:

Scheme	Frequency	Registration Date
Instrument not currently registered in any schemes		

Showing 0 to 0 of 0 entries

Previous Next

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# Register Instrument

Step 1  
Select Scheme

Step 2  
[Select Analytes](#)

**Participant Code** GHB00001

**Location** Ward 1

**Instrument** Pluto (IS00000021)

**Scheme\***

Blood Gas ▼

**Frequency\***

Monthly (Excluding December) ▼

**Kit(s)\***

EC8+

CHEM8+

G3+

EG6+

CG4+

E3+

CG8+

EG7+



**Scheme**      Blood Gas

**Frequency**      Monthly (Excluding December)

**i-STAT Cartridge  
CHEM8+**

	Analyte
<input type="checkbox"/>	Chloride
<input type="checkbox"/>	Creatinine
<input type="checkbox"/>	Glucose
<input type="checkbox"/>	Haematocrit
<input type="checkbox"/>	Ionized Calcium
<input type="checkbox"/>	Potassium
<input type="checkbox"/>	Sodium
<input type="checkbox"/>	Urea

**i-STAT Cartridge  
CHEM8+**

	Analyte
<input checked="" type="checkbox"/>	Chloride
<input type="checkbox"/>	Creatinine
<input checked="" type="checkbox"/>	Glucose
<input type="checkbox"/>	Haematocrit
<input checked="" type="checkbox"/>	Ionized Calcium
<input checked="" type="checkbox"/>	Potassium
<input checked="" type="checkbox"/>	Sodium
<input type="checkbox"/>	Urea

**STAT Cartridge CG4+**

	Analyte
<input checked="" type="checkbox"/>	[H+]
<input type="checkbox"/>	Actual Bicarb

**i-STAT Cartridge CG4+**

	Analyte
<input checked="" type="checkbox"/>	[H+]
<input type="checkbox"/>	Actual Bicarb
<input type="checkbox"/>	Lactate
<input checked="" type="checkbox"/>	pCO2
<input type="checkbox"/>	pH
<input checked="" type="checkbox"/>	PO2

**Calculated Analytes**

	Analyte	Method
<input type="checkbox"/>	Actual Bicarb	▼

There is currently an open distribution for the scheme Blood Gas. Please indicate below the first distribution that your instrument should be registered in.

**First Distribution**

	Distribution Code	Distribution Date	Return Date
<input checked="" type="radio"/>	Next distribution		
<input type="radio"/>	BG1117a	29/11/2017	13/12/2017

Save

Back

Cancel

# Registered Schemes

✓

Successfully registered instrument Pluto (IS00000021) in scheme Blood Gas

✕

Instrument

Location

Participant Code

Pluto (IS00000021)

Ward 1

GHB00001

+

Register

Show

10

entries

Search:

	Scheme	Frequency	Registration Date	
+	Blood Gas	Monthly (Excluding December)	28/11/2017	<a href="#">Edit</a>   <a href="#">Remove</a>

Showing 1 to 1 of 1 entries











Previous

1

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[Back](#)

**Instrument**     Abbott Architect (S67890)

Analytes	Analyte	Kit Manufacturer	Kit	Method	
	<input type="checkbox"/> Adjusted Calcium				
	<input type="checkbox"/> Alanine aminotransferase				
	<input type="checkbox"/> Albumin				
	<input type="checkbox"/> Alkaline phosphatase				
	<input type="checkbox"/> Aspartate Aminotransferase				
	<input type="checkbox"/> Calcium				
	<input type="checkbox"/> Calculated Globulins				
	<input type="checkbox"/> Chloride				
	<input type="checkbox"/> Creatine Kinase				
	<input type="checkbox"/> Creatinine				

## Analyte

**Analyte** Creatinine

**Kit Manufacturer**

- ☒ Same Manufacturer as Instrument
- ☐ Different Manufacturer from Instrument
- ☐ Not applicable

### Kit

**Part Number \***

7D64-20 ▼

**Lot Number**

*My kit is not listed* ⓘ

### Calibrator

**Supplier**

**Part Number**

**Lot Number**

**Modifications**

☐ Modification to manufacturer's calibration

Add

Cancel

## Kit not listed

Please provide the information requested below so we can add your kit to our database.

### Your details

**Name\*** Mrs Wendy Woodfield

**Email\*** wendy@weqas.com

**Phone number\***

### Registration details

**Scheme** Serum Chemistry

**Analyte** Glucose

### Kit details

**Manufacturer\***

**Descriptor\***

**Part Number\***

**Additional Information**

## Analyte



**Analyte**    Glucose

**Kit Manufacturer**

- ☐ Same Manufacturer as Instrument
- ☐ Different Manufacturer from Instrument
- ☒ Not applicable

**Method\***

▼

Abaxis Piccolo

Gluc Dehydrogenase

GOD-PAP

Hexokinase

O2/peroxide elect


other

Spotchem

Add











Cancel

# Result Entry Form

 Distribution Code: BG1117a Sent Out on: Wednesday 29/11/2017 Return by: Wednesday 13/12/2017

## Results

Show  entries

Instrument Name	Instrument Manufacturer	Analyte	Sample 1	Sample 2	Sample 3	Units	
GHB00001							
Pluto	Abbott	pH 					
		[H+] 				nmol/L	
		pCO2 				kPa	
		Comment	You can add a comment relevant to the specific analyte				
		PO2 				kPa	
		Sodium 				kPa	
		Potassium 				mmHg	
		Chloride 				mmol/L	
		Ionized Calcium 				mmol/L	
		Glucose 				mmol/L	
		Glucose 				mg/dl	
		Date Samples Received	<input type="text"/>		Date Samples Analysed	<input type="text"/>	
		Storage Conditions	<input type="text" value="(Choose a temperature)"/>		User Testing	<input type="text"/>	
		Comments	<input type="text" value="Or you can add a comment relating to the instrument data set as a whole"/>				




## Results

Show  entries

.	.	.	.	.	.
---	---	---	---	---	---

Choosing how many instruments to display at once

Adding an analyte specific comment for an instrument

pCO2				
Comment	You can add a comment relevant to the specific analyte			

Choosing alternative units to report in

PO2					<div>kPa</div> <div>mmHg</div>
-----	---	--	--	--	--------------------------------

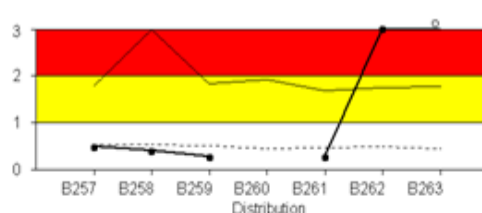
# **REPORTS – WHAT DO YOU NEED?**

# Standard Report / Simplified Report - Summary

Available for on screen display only, this report lists the SDI scores for all analytes registered under your section for that distribution

Lab: FL Scheme: Bilirubin. Distribution Code: B263.  
Distribution Date: 2/11/15. Final Report Issued: 23/11/15

This Distribution	
Overall Lab SDI:	4.32
Median All Laboratory:	0.45
97.5th centile:	1.77



All SDI Ranges	
< 1	Good
1 - 2	Acceptable
> 2	Poor

.... Median —●— Sec SDI — 97.5th

## Section SDI scores for this distribution

Section	Main Lab (1)
Overall	** 6.25
Total Bilirubin	** 9.01
Conjugated Bilirubin	** 3.49

SDI Code	Meaning
N/A	Not enrolled for this analyte
?	Analyte enrolled but no results returned
N/S	This analyte not scored
NNR	Non-numerical results
**	SDI score greater than 2

Please note: Method and Instrument 'Lab Stats' or 'Section Stats' menu. contact WEQAS for a registration for

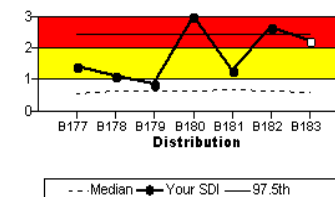
A user guide "How to interpret your resources area of our website at [ht](#)

Distribution Code : B183 Sent on: 2/03/09					
Total Bilirubin (umol/l)	1	2	3	4	Analyte SDI
Reported Result	138.0	210.0	62.0	307.0	
Method Corrected Result	138.0	210.0	62.0	307.0	
Vitros (Bu+Bc)	Mean	140.50	205.75	56.00	
	SD	3.84	2.68	3.67	
	Number	4	4	4	
Vitros 5,1 FS	Mean	140.50	205.75	56.00	
	SD	3.84	2.68	3.67	
	Number	4	4	4	
Overall	Mean	129.92	182.92	53.65	
	SD	9.21	11.58	4.96	
	Number	371	372	371	
Reference Values					
Ref. Value Uncertainty					
WeGas SD		7.81	10.36	4.13	
<b>SDI</b>	<b>1.04</b>	<b>**2.61</b>	<b>**2.02</b>	<b>**3.15</b>	<b>**2.20</b>

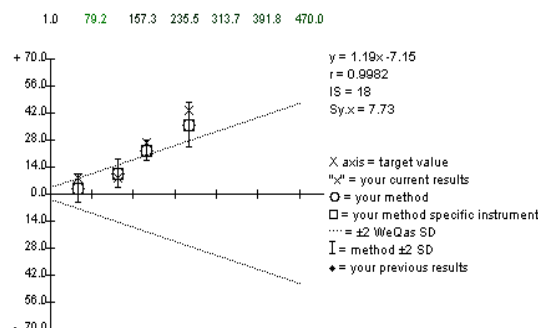
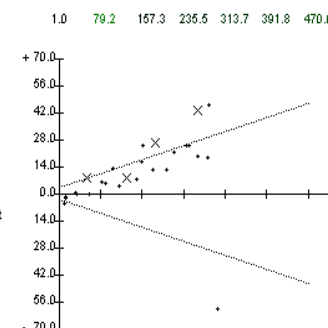
**Total Error**

SDI is a measurement of your total error and will include both inaccuracy and imprecision.

This Distribution B183
Your average analyte SDI for the 4 samples is 2.20

**Previous SDI**

Please note: Linear regression uses CF corrected data.

**This Distribution B183****Previous Distributions****Precision**

This Distribution B183	Previous Distributions	B182	B181	B180	B179	B178	B177
Sy.x = 7.73 umol/l	<b>Sy.x</b>	1.44	0.57	136.12	1.07	1.61	4.04
IS = 18	<b>IS</b>	0	0	7443	0	1	5

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

**Accuracy**

This Distribution B183	Previous Distributions	B182	B181	B180	B179	B178	B177
Systematic proportional error (calibration) 18.57%	<b>Proportional (%)</b>	19.4	11.77	-73.01	7.5	8.87	13.08
Systematic constant error (blank) -7.15 umol/l	<b>Constant (umol/l)</b>	-6.76	-3.29	133.31	-2.05	-3.72	-6.34

Bias includes components of proportional and constant errors. A proportional bias suggests an error of calibration whilst a constant bias suggests a blank error. Mixed errors will include significant components of both.

Quantitative Analyte  
report page

From Standard Report

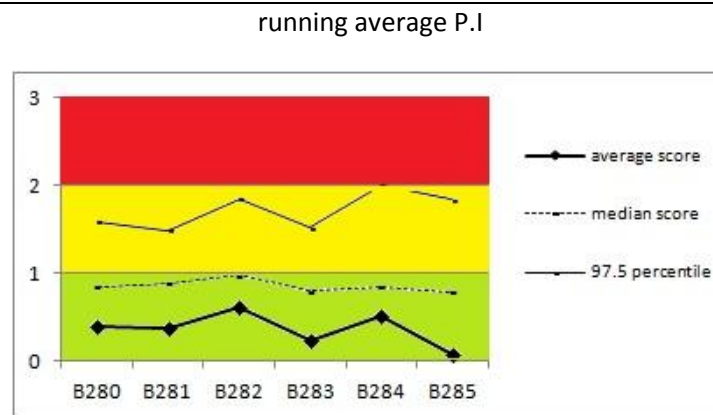
# Standard Report – new?

Participant Code: GPQ00001 · Analyser Name: Advia 1 · Serial #: AB00045237A

Scheme: Bilirubin. Distribution Code: B0917. Analyte: Total Bilirubin

Distribution start: 04-Sep-17 Distribution End: 18-Sep-2017 Report Issued: 22-Sep-2017 Report Status: final

Total Bilirubin (µmol/L)		1	2	3	4	Analyte P.I.
Reported Result: (µmol/L)		145	4	198	354	
Results in standard units						
Method Corrected Result		145	4	198	354	
Method: Vanadate Oxidation	Mean	145.65	4.03	198.02	357.83	
	SD	5.36	0.08	6.53	13.57	
	Number	19	19	19	19	
	Uncert.	1.537	0.024	1.873	3.891	
Instrument Model: Advia Chemistry	Mean	145.65	4.03	198.02	357.83	
	SD	5.36	0.08	6.53	13.57	
	Number	19	19	19	19	
	Uncert.	1.537	0.024	1.873	3.891	
Overall	Mean	141.27	4.35	190.67	339.69	
	SD	10.59	1.46	13.50	24.08	
	Number	322	284	323	319	
	Uncert.	0.738	0.108	0.939	1.685	
Reference Values						
Ref. Value Uncertainty						
Non-scoring Reference Values						
TAE Weqas		16.70	3.52	21.48	35.84	
You are scored against: Method Mean		145.65	4.03	198.02	357.83	
P.I.		-0.08	-0.02	0	-0.21	0.08



## Method Summary

B0917	sample 1		sample 2		sample 3		sample 4	
Method Name	mean	cv%	mean	cv%	mean	cv%	mean	cv%
Abaxis Piccolo	131.2	3.4	6.4	9.7	177.0	2.4	312.2	2.0
Beckman LX/CX/DX	140.8	2.5	4.0	51.9	188.7	2.7	341.5	1.4
Diazo	141.3	4.4	4.8	13.6	190.0	4.1	334.2	3.8
Ferricyanide (O'Leary)	148.0	0.0	5.0	0.0	196.0	0.0	349.0	0.0
IL Gas Analysers	155.4	4.9	5.9	19.3	208.8	4.7	371.4	4.2
Pfaff Bilimeter	161.0	0.0	8.0	0.0	214.0	0.0	380.0	0.0
Radiometer Gas Analysers	149.7	5.5	5.7	26.4	202.1	4.6	359.6	3.7
Rapidpoint 500	149.0	2.4	3.3	85.2	194.3	2.7	362.5	5.7
Reflotron	132.0	0.0	7.0	0.0	181.0	0.0	314.0	0.0
Roche Diazo	133.3	3.1	3.1	9.5	180.3	2.5	322.0	2.6
Siemens Gas Analysers	148.3	2.3	3.3	87.2	199.3	3.1	374.0	3.6
Vanadate Oxidation	145.7	3.7	4.0	2.1	198.0	3.3	357.8	3.8
Vitros (Bu+Bc)	134.0	0.0	3.0	0.0	177.0	0.0	319.0	0.0
Vitros (T Bil)	164.7	0.4	5.3	12.3	217.0	1.4	366.0	1.9

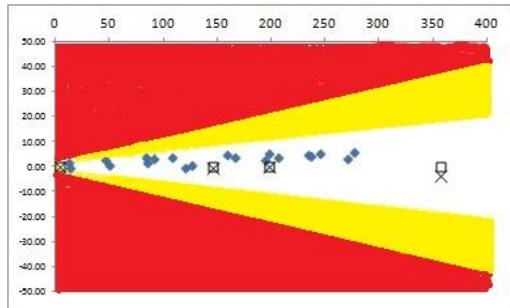
Total Allowable error

Performance Index

Describes what the target is – you are scored against ....

# Standard Report

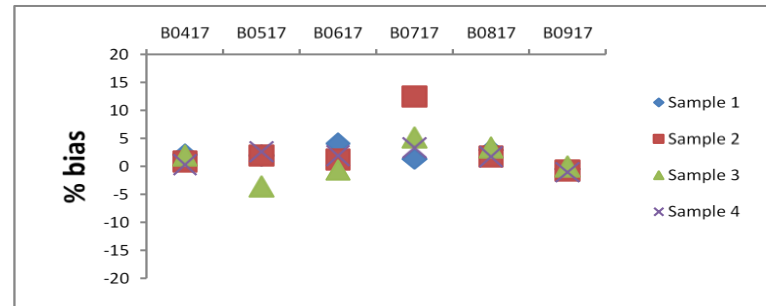
cumulative bias



Linear regression  
 $y = 1.04 - 1.26$   
 $r = 1.0000$   
 $IS = 0$   
 $S_{y,x} = 1.09$

bias key  
 x axis = target value  
 'x' = your current results  
 o = your previous results  
 \* = your method mean  
 □ = your instrument model mean

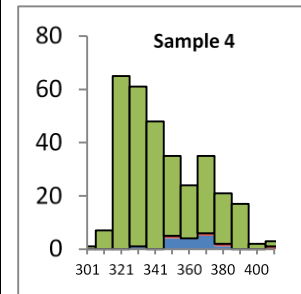
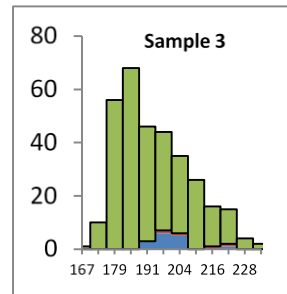
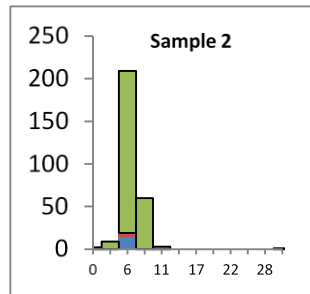
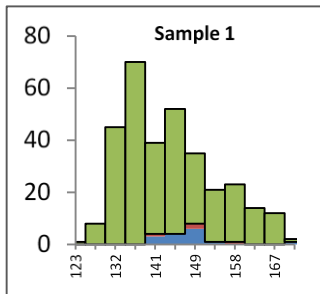
relative % bias



## Precision

	B0417	B0517	B0617	B0717	B0817	This distribution: B0917
$S_{y,x}$	1.68	1.98	2.97	1.87	2.19	1.09
IS	1	1	4	2	4	0

$S_{y,x}$  is the average deviation from the best fit line and is an index of scatter.



Histogram of all results

Weqas supplied comment for Total Bilirubin:

*There is no comment for Total Bilirubin for this distribution*

Participant supplied comment for Total Bilirubin:

Calibrator Lot # BB128974.

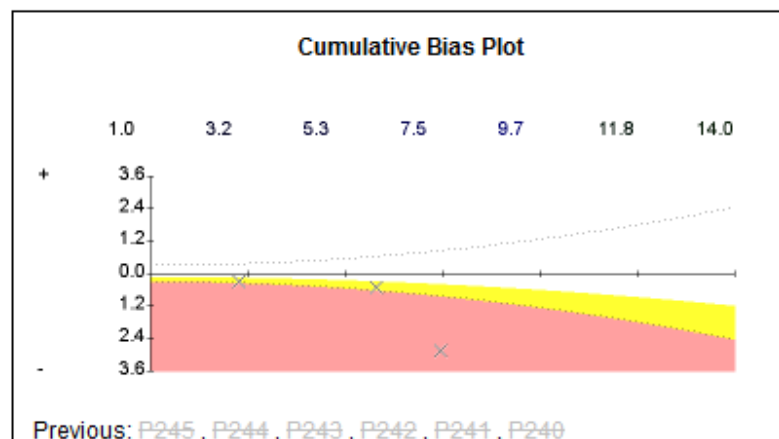
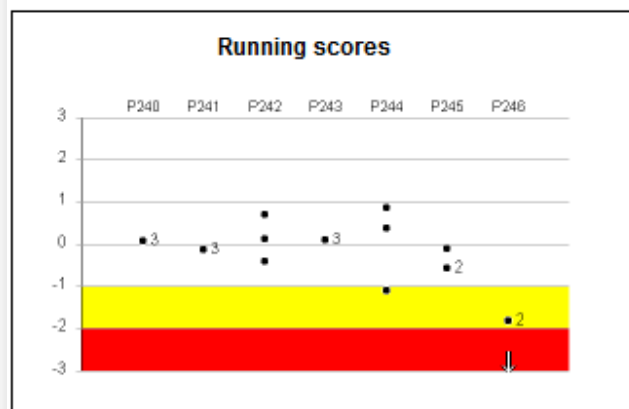
Awaiting engineer callout for scheduled maintenance

Comments captured on reports

# Simplified Reports

Scheme: Blood Gas. Distribution Code: P246. Distribution Date: 21/09/15. Final Report Issued: 14/10/15				
pCO <sub>2</sub> (kPa)	Sample 1	Sample 2	Sample 3	Sample 4
Reported Result	4.58	5.49	2.66	
Overall Mean	7.42	5.98	2.89	8.52
Method Mean: Cobas b123	7.46	6.03	2.98	8.38
Instrument Mean: Cobas b123	7.46	6.03	2.98	8.38
Your results are compared against	7.46	6.03	2.98	

Good
Acceptable
Unacceptable
Discuss with QC officer



## Cumulative Submitted results

	P240	P241	P242	P243	P244	P245	P246
Sample 1	5.98	5.9	8.68	6.0	5.31	7.43	4.58
Sample 2	3.94	7.29	2.77	8.35	2.7	3.91	5.49
Sample 3	7.43	5.14	3.98	4.0	7.82	?	2.66
Sample 4	N/A	?	N/A	N/A	N/A	2.85	?

Key	
?	Analyte enrolled but no results returned
N/A	Not enrolled for this analyte

## ⚠ Performance Alert

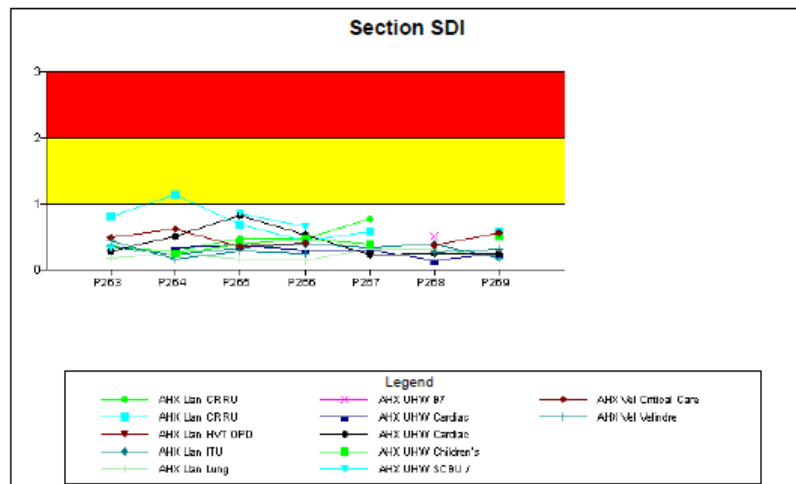
Your results show a significant consistent bias. Please discuss your results with your EQA Officer

# Manager's report

Region: Cardiff and Vale POC. Scheme: Blood Gas. Distribution Code: P269.  
Distribution Date: 16/10/17. Final Report Issued: 14/11/17

This Distribution	
Median All Laboratory:	0.38
97.5th centile:	1.19

All SDI Ranges	
< 1	Good
1 - 2	Acceptable
> 2	Poor



Overall section SDI scores for latest distributions

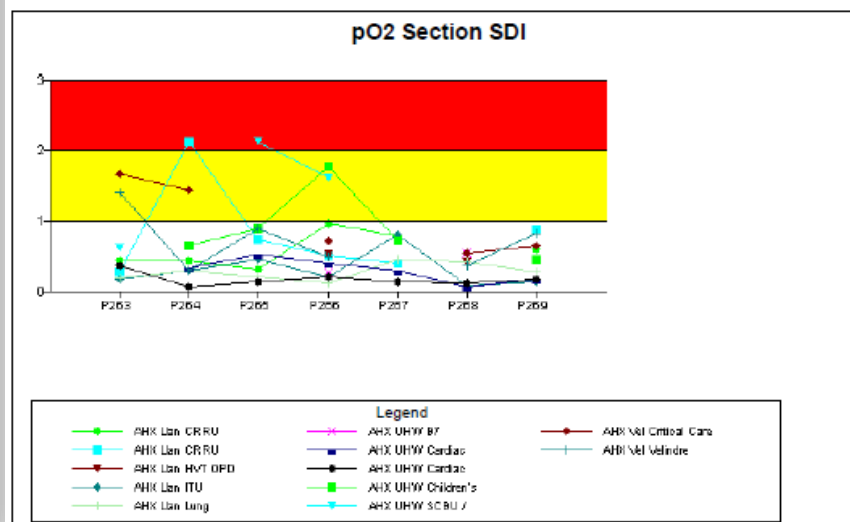
		P263	P264	P265	P266	P267	P268	P269
AHX	AHX Llan CRRU Barry	0.34	0.27	0.46	0.47	0.77	?	0.55
AHX	AHX Llan CRRU Cardiff	0.81	1.14	0.69	0.43	0.57	?	0.57
AHX	AHX Llan HVT OPD	?	?	?	0.46	?	0.33	?
AHX	AHX Llan ITU	0.34	0.23	0.32	0.39	0.33	0.38	0.17
AHX	AHX Llan Lung Function Unit	0.16	0.24	0.15	0.14	0.31	0.31	0.18
AHX	AHX UHW B7	?	?	?	0.46	?	0.50	?
AHX	AHX UHW Cardiac Catheters Lab B	?	0.32	0.36	0.29	0.29	0.13	0.23
AHX	AHX UHW Cardiac Catheters Lab C	0.27	0.50	0.82	0.52	0.22	0.23	0.23
AHX	AHX UHW Children's Kidney Centre	?	0.24	0.38	0.47	0.38	?	0.51
AHX	AHX UHW SCBU / Neonatal Unit	0.31	?	0.65	0.65	?	?	?
AHX	AHX Vel Critical Care	0.48	0.60	0.35	0.39	?	0.37	0.56
AHX	AHX Vel Velindre IStat	0.42	0.14	0.27	0.24	?	0.25	0.31

- The manager's summary report presents the group / region SDI scores in graphical and tabular form for the current and previous 6 distributions at 3 levels of detail:

- Overall Lab SDIs
- Overall Section SDIs (left)
- Section Analyte SDIs (below)

Region: Cardiff and Vale POC. Scheme: Blood Gas. Distribution Code: P269.  
Distribution Date: 16/10/17. Final Report Issued: 14/11/17

pO2 Section SDI scores for latest distributions



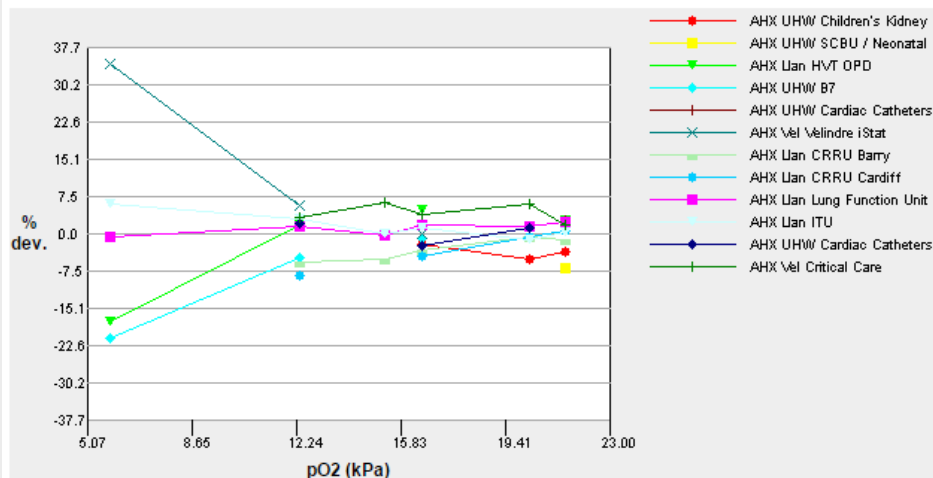


# Regional report – blood gas Lab AHX

Analyte: pO2, Region: Cardiff and Vale POC, Scheme: Blood Gas, Distributions: P247 - P252, Distribution Dates: 19-Oct-15 - 18-Apr-16.

% Deviation from Regional Means						
	224-1-B540	224-2-B540	224-3-B540	224-4-B540	224-5-B540	224-6-B540
AHX UHW Children's Kidney Centre	29.89 *	2.56	-	-2.17	-5.40	-3.74
AHX UHW SCBU / Neonatal Unit	76.04 *	4.45 *	-5.73 *	1.45 *	-14.04 *	-6.99
AHX Llan HVT OPD	-17.96	1.62	-3.76 *	4.78	-1.20 *	2.46
AHX UHW B7	-21.38	-4.86	0.82 *	-0.96	-2.19 *	2.62
AHX UHW Cardiac Catheters Lab B	1.35 *	9.72 *	1.47 *	2.66	0.28 *	2.54
AHX Vel Velindre iStat	34.25	5.67	0.16 *	-0.05	-29.56 *	-9.32 *
AHX Llan CRRU Barry	-24.80 *	-5.80	-5.40	-3.58	-0.71	-1.41
AHX Llan CRRU Cardiff	-28.22 *	-8.50	-6.38 *	-4.79	-0.87	0.45
AHX Llan Lung Function Unit	-0.87	1.21	-0.49	1.66	1.43	2.15
AHX Llan ITU	5.96	2.83	-0.16	1.05	-1.36	0.29
AHX UHW Cardiac Catheters Lab C	9.38 *	2.02	1.47 *	-2.47	1.02	0.91 *
AHX Vel Critical Care	20.21 *	3.24	6.06	3.87	5.88	1.61

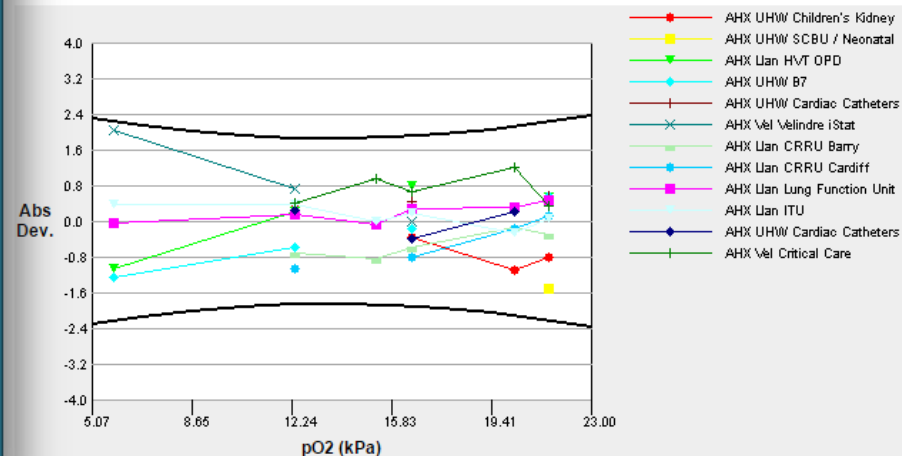
\* - not included in group mean



Analyte: pO2, Region: Cardiff and Vale POC, Scheme: Blood Gas, Distributions: P247 - P252, Distribution Dates: 19-Oct-15 - 18-Apr-16.

Absolute Deviation from Regional Means						
	224-1-B540	224-2-B540	224-3-B540	224-4-B540	224-5-B540	224-6-B540
AHX UHW Children's Kidney Centre	1.75 *	0.32	-	-0.36	-1.09	-0.80
AHX UHW SCBU / Neonatal Unit	4.45 *	0.55 *	-0.87 *	0.24 *	-2.84 *	-1.50
AHX Llan HVT OPD	-1.05	0.20	-0.57 *	0.79	-0.24 *	0.53
AHX UHW B7	-1.25	-0.60	0.13 *	-0.16	-0.44 *	0.56
AHX UHW Cardiac Catheters Lab B	0.08 *	1.20 *	0.23 *	0.44	0.06 *	0.55
AHX Vel Velindre iStat	2.00	0.70	0.03 *	-0.01	-5.98 *	-2.00 *
AHX Llan CRRU Barry	-1.45 *	-0.72	-0.82	-0.59	-0.14	-0.30
AHX Llan CRRU Cardiff	-1.65 *	-1.05	-0.97 *	-0.79	-0.18	0.10
AHX Llan Lung Function Unit	-0.05	0.15	-0.07	0.27	0.29	0.46
AHX Llan ITU	0.35	0.35	-0.02	0.17	-0.28	0.06
AHX UHW Cardiac Catheters Lab C	0.55 *	0.25	0.23 *	-0.41	0.21	0.20 *
AHX Vel Critical Care	1.18 *	0.40	0.93	0.64	1.19	0.35
Weqas SD	1.11	0.93	0.93	0.95	1.05	1.11

\* - not included in group mean



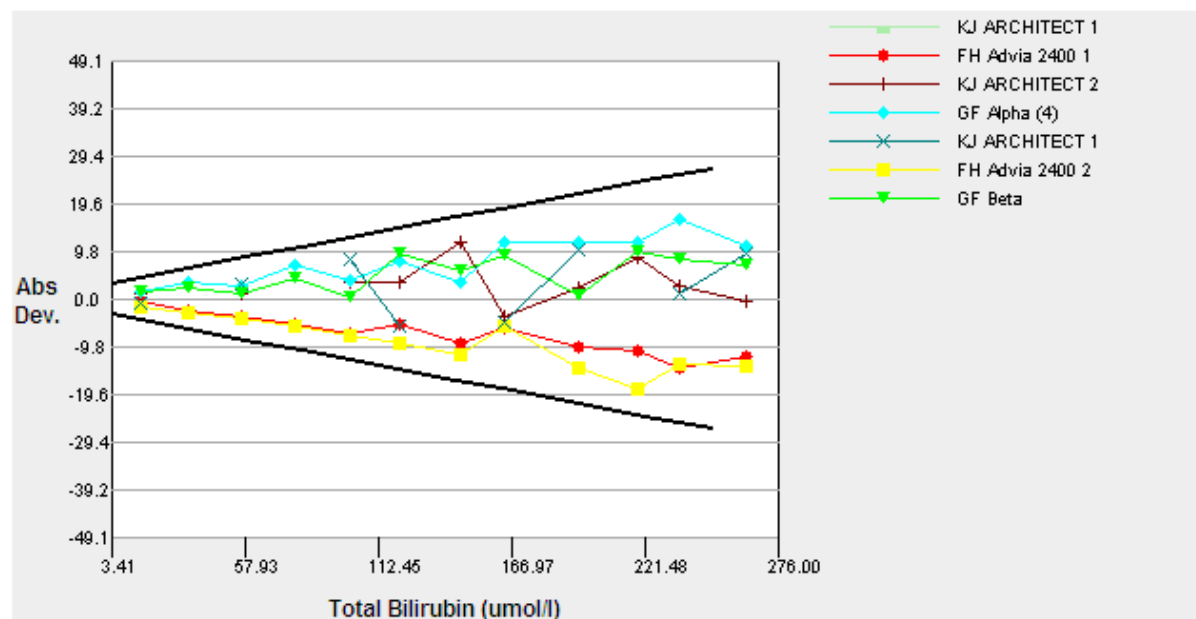
for all instruments in the group, deviation reports provide absolute and % deviation from the group mean on a per analyte basis

Available to print from your browser, or in PDF format to your email address

# Regional report – multiple Labs

Absolute Deviation from Regional Means		B291	B297	B300	B296	B301	B292	B293	B294	B295	B298	B299	B302
FH	Advia 2400 1	-0.59	-9.31	-10.89	-5.39	-14.48	-2.56	-3.67	-5.22	-7.38	-6.15	-10.04	-11.82
FH	Advia 2400 2	-1.92	-11.48	-18.52	-9.36	-13.35	-2.92	-4.20	-5.86	-7.84	-5.65	-14.51	-14.05
GF	Beta	1.21	5.82	9.58	9.14	8.08	2.24	1.13	4.21	0.06	8.95	0.72	6.72
GF	Alpha (4)	1.21	3.49	11.58	7.81	16.42	3.24	2.47	6.88	3.72	11.62	11.72	10.72
KJ	ARCHITECT 2	0.88	11.49	8.25	3.48	2.42	1.91 *	1.13	4.21 *	3.39	-3.88	2.06	-0.62
KJ	ARCHITECT 1	-0.79	6.49 *	1.25 *	-5.69	0.92	0.91 *	3.13	1.21 *	8.06	-4.88	10.06	9.05
KJ	ARCHITECT 1	3.21 *	16.49 *	9.25 *	16.81 *	-	-	-	-	-	-	-	-
Weqas SD		2.31	8.61	12.09	7.39	12.90	3.24	4.27	5.34	6.41	9.47	10.93	14.24

\* - not included in group mean



A group can be set up as an individual lab code with multiple sections or with different lab codes and sections.

# End of batch cumulative report

Seetal Sall  
POCT Cardiff and Vale UHB,  
Unit 6,  
Parc Ty Glas  
Llanishen  
Cardiff,  
CF14 5DU  
Lab: AHX

Weqas

## End of Batch Report

Scheme: Blood Gas.  
Distributions: P247 - P252  
Distribution Dates: 19/10/2015 - 18/04/2016

	Lab Participation Summary											
	UHW Children's Kidney Centre	UHW SCBU / Neonatal Unit	Llan HVT OPD	UHW B7	UHW Cardiac Catheters Lab B	Vel Velindre IStat	Llan CRRU Barry	Llan CRRU Cardiff	Llan Lung Function Unit	Llan ITU	UHW Cardiac Catheters Lab C	Vel Critical Care
pH	*	*	*	*	*	*	*	*	*	*	*	*
[H+]	*	*	*	*	*	*	*	*	*	*	*	*
pO2	*	*	*	*	*	*	*	*	*	*	*	*
pCO2	*	*	*	*	*	*	*	*	*	*	*	*
Sodium	*									*		*
Potassium	*									*		*
Ionized Calcium	*									*		*
Chloride										*		*
Glucose										*		*
Lactate						*				*		*
Haematocrit	*											
Actual Bicarb	*	*	*	*	*	*	*	*	*	*	*	*

Lab Code: AHX. Section Name: UHW Children's Kidney Centre. Scheme: Blood Gas. Distribution Range: P247 - P252

Provides between batch imprecision over length of batch – 6 to 12 months for all sections.

Lab Code: AHX. Section Name: Llan CRRU Barry. Scheme: Blood Gas. Distribution Range: P247 - P252

Analyte: pCO2 (kPa)

Method: ABL 80	224-1-B540	224-2-B540	224-3-B540	224-4-B540	224-5-B540	224-6-B540
Section Stats						
Mean reported results	8.62	7.58	5.96	5.16	3.99	2.77
SD reported results	0.41	0.43	0.13	0.09	0.34	0.25
CV(%) reported results	4.79	5.67	2.26	1.78	8.55	8.94
Number of results	3	3	2	3	3	3
Method Result Stats						
Mean method mean	8.75	7.59	6.32	5.18	4.22	2.92
Median CV	2.95	3.83	3.21	1.78	4.32	4.97
Overall Result Stats						
Median CV	1.80	1.90	1.48	1.90	1.78	2.09

