

Birmingham Quality

UK NEQAS for Fructosamine

Laboratory :

Distribution : 120

Date : 20-May-2018

Page 1 of 9

Feedback

Quality Manager
Pathology Laboratory
Biochemistry Department
Hospital
Town
County
Postcode
Country

This Scheme is essentially web-based. We can alert you to information regarding the Scheme via email. The e-mail address (or addresses) we are currently using to contact your laboratory is shown below in red. If no e-mail address is displayed or the information shown is incorrect, please email us with an appropriate contact e-mail address as soon as possible, using the word 'feedback' in the title line.

Based on the date information you have provided, the transit time from specimen dispatch [] to receipt [] was day(s), and the subsequent time to analysis [] in your laboratory was day(s). (Missing values indicate dates not provided. "0 days" represents same day).

Any comments you made to us are shown below and have been acted upon where necessary

Any specific comments applicable only to laboratory are shown below

Any general comments applicable to all laboratories are shown below

Report authorised on Tuesday 29 May 2018 by:

Finlay MacKenzie
Director Birmingham Quality

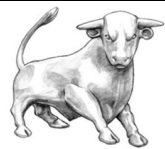


7860

Birmingham Quality is a UKAS accredited proficiency testing provider No. 7860. Please see <http://www.ukas.com> for full details of the accreditation status of our services

UK NEQAS
International Quality Expertise

Birmingham Quality is proud to offer EQA services that adhere to the Code of Practice and have the badge of quality of UK NEQAS



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Page 3 of 9

Participation summary

Analytical Performance over the last 6 months (rolling time window of 6 distributions)

All our time periods are 'rolling' to give you current information.

You may wish to keep you own log of Calendar Year or Financial Year time points if you require 'year-end' statements for your own internal use.

Any analytes with out of consensus performance will be highlighted in red and can be clicked for further details.

You have out of consensus performance for:	<i>None</i>
You have in consensus performance for:	Fructosamine
You have no performance data for:	<i>None</i>

Participation and Return Rates

This scheme cycle is notionally every four weeks.

Analytically, we assess you over a six month time window (6 Distributions).

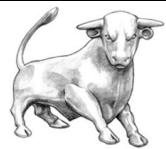
For return rates, late and amended results we assess you over a twelve month period (12 distributions).

	Distributions	Rating	Affected Distributions
Participation	12 distributions out of a possible 12	Satisfactory	
Late Returns	0 distributions from the last 12	Satisfactory	
Amendments	1 distribution accepted from the last 12	Satisfactory	118

Analytical Performance for specimens from distribution 120 only

You can judge, in association with your IQC and other QA measures, if your current performance is a blip or part of a trend.

Out of consensus for at least one specimen for:	<i>None</i>
In consensus for all specimens for:	Fructosamine
You have no specimen %bias etc. for:	<i>None</i>
You are not registered for:	<i>None</i>



Birmingham Quality

Distribution Summary

If your laboratory is outside of the acceptable limits of performance for any its rolling time-window scores (A, B or C scores), this will be indicated by a red traffic light symbol. It is the responsibility of the laboratory to undertake an internal investigation to establish the underlying cause and put in place corrective and preventive action. Please do not wait to receive a formal notification of performance from the Scheme Organiser or the National Quality Assurance Advisory Panel (NQAAP) before logging the non-conformity and, where necessary, acting upon the data contained in your report. A green traffic light merely reflects that your laboratory is performing as well as the state-of-the-art allows; it does not necessarily mean that your assay / laboratory performance is good enough clinically.

This programme is primarily intended as an adjunct to the HbA1c Scheme and, as such, is offered free of charge to HbA1c participants. Those who wish to participate only in Fructosamine will be charged the same fees as for HbA1c.

All participants must report in umol/L.

	Specimen	Pool	Result	Target	Specimen %bias	A score	B score	C score	A	B	C
Fructosamine (umol/L)	120A	276	406	434	-6.6 ▼	138	+2.9	3.9	● ↘	● ↔	● ↔
	120B	203	300	291	+3.0 ◆						
	120C	277	215	213	+1.1 ◆						

Materials for this EQA programme are minimally-processed single donations of human plasma from diabetics and non-diabetics.

You have until the close of Distribution 121 (24/06/2018) to submit late results / request amendments to results for Distribution 120.

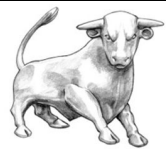
Please enter any late results or requests to amend non-analytical errors for Distribution 120 on the web under the usual Results button ensuring the correct Distribution number has been selected. You should include your name and a valid reason.

Amending results is at the discretion of the Director and is not an automatic entitlement.

We are not accepting any further requests to amend results or to change methods for Distribution 119.

Distribution 121 will be dispatched on 11/06/2018 . Results are due back in Birmingham by, notionally, 23:59 on 24/06/2018.

Where your results appear as "XPL", it is because you did not report a numerical value for that analyte, but you did provide an explanation as to why a result was not reported.



Birmingham Quality

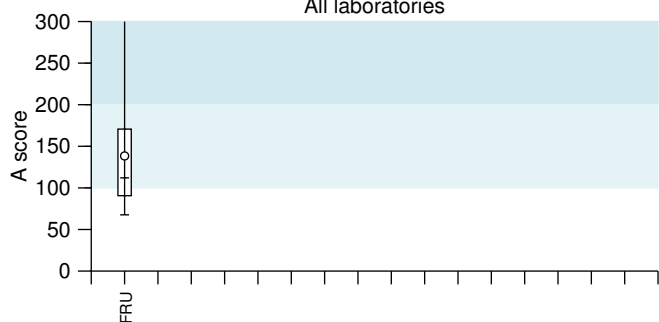
Method Summary

Our method update service is web-based and is accessed online via the 'edit' button on the 'Results and Reports page'. You can select from a dropdown of methods or select the default option from the major manufacturer's products*.

*If you are not using the system according to the manufacturer's instructions, please select the in-house category within your system's method principle.

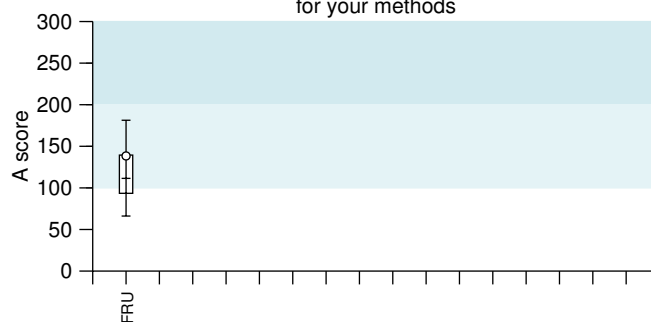
Method Principle	Your Method	Units	A score with trend arrow	Method median A score	All lab median A score	
Fructosamine	Nitrotetrazolium Blue	Roche Mod/Cobas [2BO]	umol/L	138 ● ↘	111	112

Graphic Equalizer Plot of A scores All laboratories



P:BWATSC02

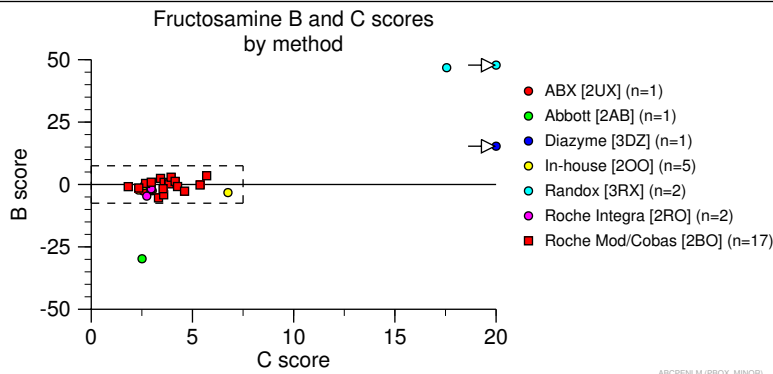
Method Graphic Equalizer Plot of A scores for your methods

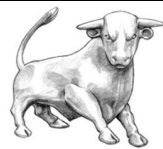


P:BWATSC02



Cumulative Summary





Birmingham Quality

UK NEQAS for Fructosamine

Laboratory :

Distribution : **120**

Date : 20-May-2018

Page 7 of 9

Analyte : Fructosamine (umol/L)

Spec. Pool Pool description / Treatments / Additions

120A	276	Diabetic donor
120B	203	Diabetic donor
120C	277	Diabetic donor

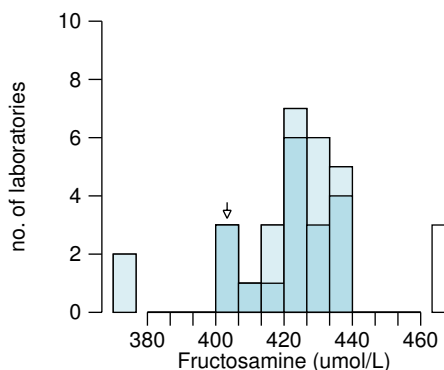
- All methods
- Nitrotetrazolium Blue
- Roche Mod/Cobas [2BO]

Your A score is 138 ● ↘
 Your B score is +2.9 ● ↔
 Your C score is 3.9 ● ↔

The A limit is 200
 The B limit is +/- 7.5
 The C limit is 7.5

Specimen : 120A

	n	Mean	SD	CV(%)
All methods [ALTM]	30	434	35	8.0
Nitrotetrazolium Blue	27	423	12	2.9
Abbott [2AB]	2	278		
ABX [2UX]	1	414		
In-house [2OO]	4	430		
Roche Integra [2RO]	2	422		
Roche Mod/Cobas [2BO]	18	424	12	2.8
Enzymatic	3	696		
Diazyme [3DZ]	1	697		
Randox [3RX]	1	685		
Siemens ADVIA [3TE]	1	705		



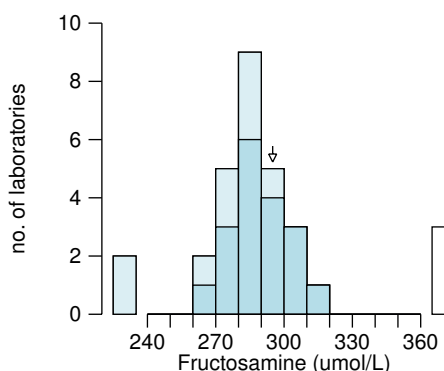
Your result 406
 Target value (ALTM) 434
 Standard Uncertainty 9

Your specimen:
 %bias -6.6 ▼
 transformed bias -240
 Accuracy Index 240

Method mean [MLTM] 424

Specimen : 120B

	n	Mean	SD	CV(%)
All methods [ALTM]	30	291	23	7.9
Nitrotetrazolium Blue	27	286	15	5.2
Abbott [2AB]	2	206		
ABX [2UX]	1	285		
In-house [2OO]	4	284		
Roche Integra [2RO]	2	272		
Roche Mod/Cobas [2BO]	18	291	13	4.6
Enzymatic	3	413		
Diazyme [3DZ]	1	376		
Randox [3RX]	1	408		
Siemens ADVIA [3TE]	1	456		



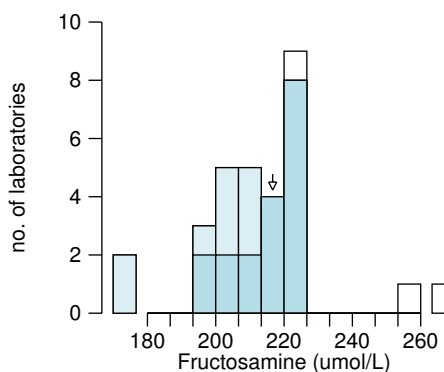
Your result 300
 Target value (ALTM) 291
 Standard Uncertainty 6

Your specimen:
 %bias +3.0 ◆
 transformed bias +109
 Accuracy Index 109

Method mean [MLTM] 291

Specimen : 120C

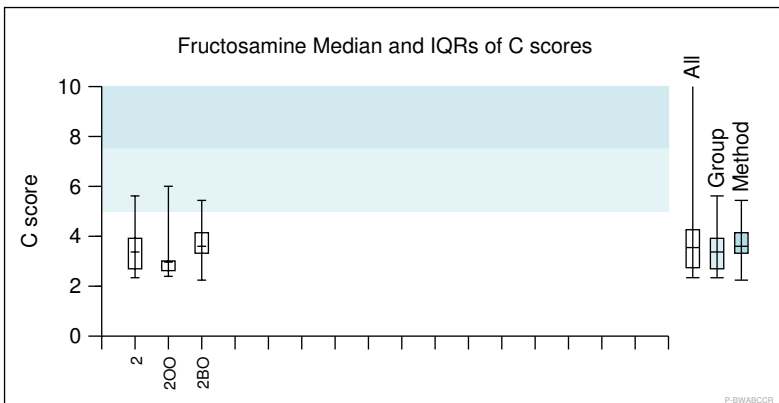
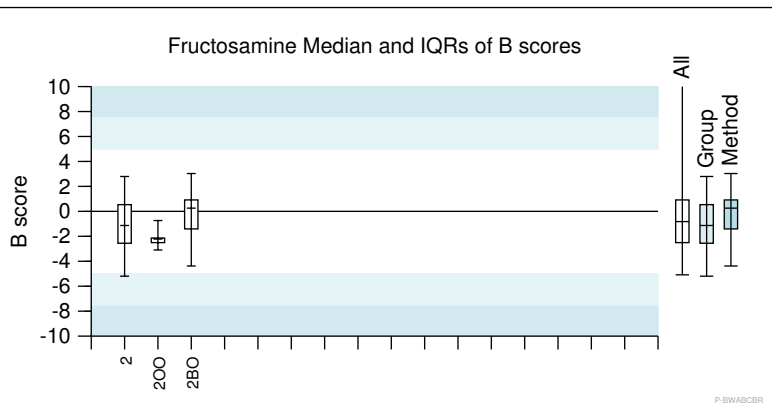
	n	Mean	SD	CV(%)
All methods [ALTM]	30	213	12	5.8
Nitrotetrazolium Blue	27	211	12	5.7
Abbott [2AB]	2	149		
ABX [2UX]	1	209		
In-house [2OO]	4	207		
Roche Integra [2RO]	2	204		
Roche Mod/Cobas [2BO]	18	215	10	4.5
Enzymatic	3	257		
Diazyme [3DZ]	1	223		
Randox [3RX]	1	260		
Siemens ADVIA [3TE]	1	287		



Your result 215
 Target value (ALTM) 213
 Standard Uncertainty 3

Your specimen:
 %bias +1.1 ◆
 transformed bias +40
 Accuracy Index 40

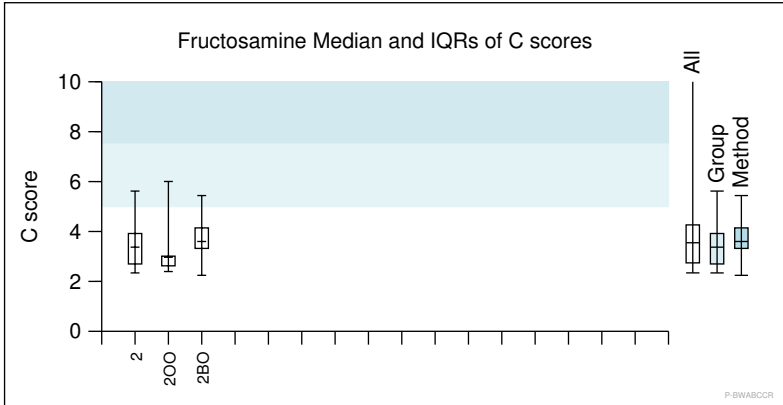
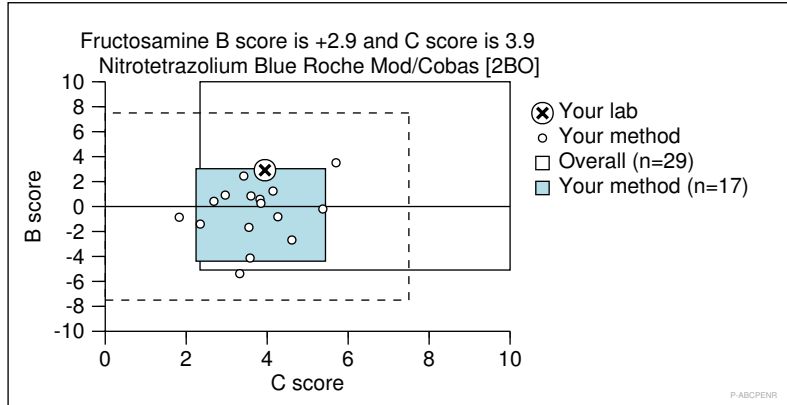
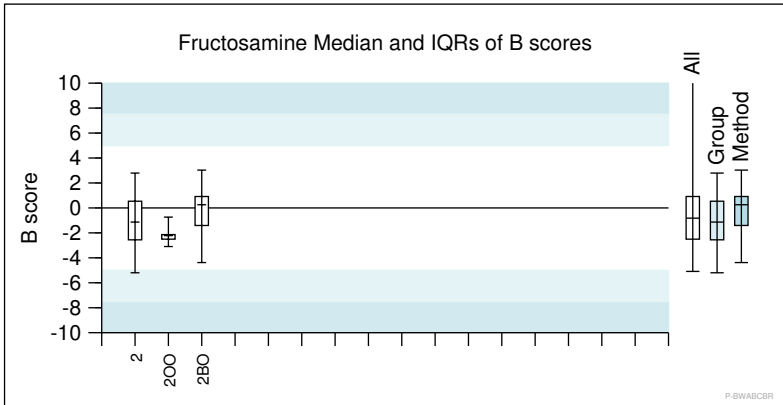
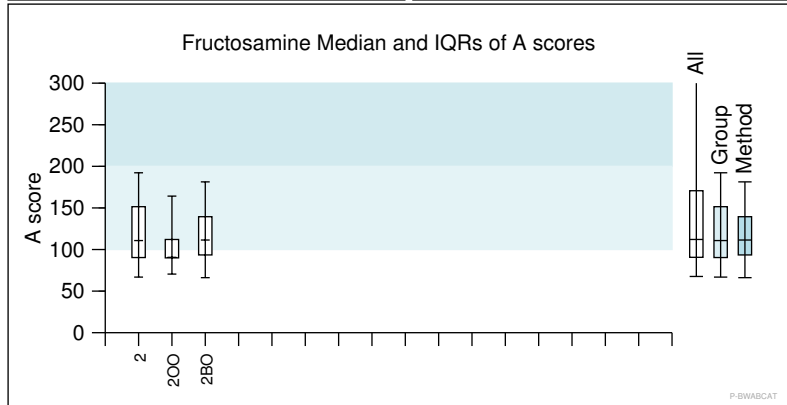
Method mean [MLTM] 215





Pool (exclusion) [Type]	Distribution 115 26-Nov-2017			Distribution 116 31-Dec-2017			Distribution 117 11-Feb-2018			Distribution 118 18-Mar-2018			Distribution 119 22-Apr-2018			Distribution 120 20-May-2018		
	result	target	%bias	result	target	%bias	result	target	%bias	result	target	%bias	result	target	%bias	result	target	%bias
294 [D] 272 [N] 297 [N] 304 [N] 277 [D] 193 [D] 203 [D] 241 [D] 214 [D] 205 [D] 202 [D] 290 [D] 285 [D] 245 [D] 276 [D] 300 [D]	237	212	+11.9	171	149	+14.7	214	201	+6.2	214	206	+4.1	215	197	+9.1	215	213	+1.1
				316	307	+2.9	298	287	+3.8	312	313	-0.3	330	327	+0.8	300	291	+3.0
	345	336	+2.7				409	414	-1.3	424	419	+1.3	381	394	-3.4			
	453	434	+4.3	503	488	+3.1									406	434	-6.6	
Method mean	2BO +6.3			2BO +6.9			2BO +2.9			2BO +1.7			2BO +2.2			2BO -0.8		
A score	160			183			166			161			127			138		
B score	+4.2			+5.0			+4.5			+4.4			+3.2			+2.9		
C score	4.5			4.7			4.5			4.2			3.5			3.9		

D Diabetic
N Non-diabetic





Fructosamine umol/L

