

Birmingham Quality

Birmingham Quality Health Checks EQA service

Identity :

Distribution : 155

Date : DD-MMM-YYYY

Page 1 of 3

Feedback

Quality Manager
Pathology Laboratory
Biochemistry Department
County
Postcode
Country

Thank you for participating in this distribution, conducted during April 2015. The response remained sub-optimal, with 230 centres (64% of participants) returning results to us by the closing date this time. No participants reported problems, but **you will only gain full benefit from participation by analysing and returning results for every distribution!**

The enclosed report includes a summary page giving an overview of your performance. The upper section summarises your performance from recent distributions; a 3-distribution time window is used, and requires at least 5 results to have been assessed for a test. Below this, the table shows your result, the target value and your percentage bias from target for each specimen and test. The following pages combine, for each test, the histograms of all participants' results for each specimen and a graph showing your own performance. This graph compares your results with the target values; the line denotes perfect agreement with the target values. As before, we have used the mean of participants' results (after removal of grossly discrepant results) as target. All three specimens were of human serum, from clinical patients and/or 'normal donors'.

We also provide coloured symbols to make interpretation easier. The 'traffic lights' at the top of the summary page relate to your performance over distributions 153 to 155. The 11 Cholestech LDX users (17%) who obtained a result differing from the target by at least 15% for one or more specimen, will also find yellow or red symbols in their report; some of the results returned could have led to major mismanagement of patients. The most likely cause of errors is faulty technique, rather than an overall system problem, though some appear to have reported non-HDL cholesterol instead of HDL cholesterol. Such users should therefore check their technique against that shown in the instrument manual, and contact their network co-ordinator or the supplier of their instrument for further clarification if necessary; responsible suppliers are always willing to give advice, by phone or in person, to any users who may be experiencing difficulties.

We hope that you continue to find participation useful, and will mention this scheme to any colleagues carrying out lipid investigations outwith laboratories. We should be pleased to receive any comments or suggestions you may have. **We intend to despatch the specimens for Distribution 156 on 8 June 2015, and look forward to receiving your results for assessment!**

Please note:

1. We provide a web-based service for you to submit results and access reports

- you can reach this secure service through www.birminghamquality.org.uk and clicking on the pink 'Results and Reports' button
- your Username is your identity code (eg X3014)
- a notification of your password was enclosed with your paper report for Distribution 126, with a guidance document (or with your first set of specimens in the case of newer participants)
- reports for Distributions 125 to 154 are already available for you to view or download
- you are able to submit your results. These are validated to prevent submission of unphysiological results, and you will receive confirmation of submission when you click the 'Submit' button; please note that this is NOT mandatory and we continue to accept results by post or FAX
- we alert you to information regarding the Scheme (specimen despatch and report publication) via email. The email address (or addresses) we have on file to contact you is shown below in red. If no e-mail address is displayed or the information shown is incorrect, please email birminghamquality@uhb.nhs.uk with an appropriate contact email address as soon as possible, using the word 'feedback' in the title line.

We hope this development will allow us to move to a 'paper-free' service for most participants during 2015

2. We added LDL cholesterol, Non-HDL cholesterol and TC/HDL ratio at Distribution 142

- you are now able to report these in addition to your previous registration
- for convenience we registered all Cholestech users for these tests, but have removed the unwanted registrations where results were returned for some or none of the new tests – **please let us know if unwanted tests remain registered**

Report authorised

David Bullock

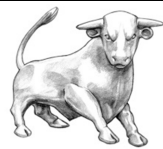


7860

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



Birmingham Quality

Distribution Summary

Reports now include this summary page giving an overview of your performance. The upper section summarises your performance from recent distributions; a 3-distribution time window is used, and requires at least 5 results to have been assessed for a test. Below this, the table shows your result, the target value and your percentage bias from target for each specimen and test.

We have also included coloured symbols to make interpretation easier. The 'traffic lights' at the top of this page relate to your performance over distributions 153 to 155.

Recent Performance

This time :

Total cholesterol On Target for 155A, On Target for 155B, On Target for 155C
HDL cholesterol Very High for 155A
TC/HDL ratio Very Low for 155A

Recent trend :

OK, but has deteriorated
OK, but has deteriorated

Good OK Poor

Total cholesterol OK
HDL cholesterol OK
TC/HDL ratio

Overall Performance

Analytically you are Good or OK for 2 analyte(s), you are Poor for 0 analyte(s).
This is **Satisfactory**

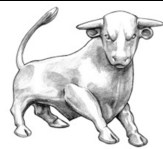
You have returned results for 3 out of the last 3 Distributions.
This return rate is **Satisfactory**

In Detail for this Distribution

	Specimen	Result	Target	Specimen %bias
Total cholesterol (mmol/L)	155A	4.37	4.52	-3.4
	155B	6.80	6.80	0.0
	155C	5.45	5.01	+8.7
HDL cholesterol (mmol/L)	155A	2.50	1.91	+30.9
	155B	>2.59	2.37	
	155C	>2.59		
TC/HDL ratio	155A	1.7	2.43	-30.2
	155B		2.91	
	155C		2.14	

Finally

We intend to despatch the specimens for Distribution 156 on 8 June 2015, with results due back in Birmingham by 28 June 2015.



Birmingham Quality

Spec. Pool Pool description / Treatments / Additions

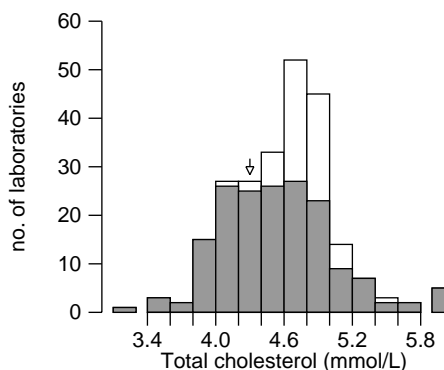
155A 538 Pooled human serum
 155B 521 Pooled human serum
 155C 522 Pooled human serum

□ All methods
 ■ CardioChek

1

Specimen : 155A

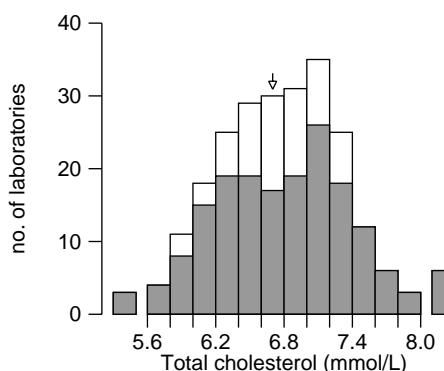
	n	Mean	SD	CV(%)
All methods [ALTM]	236	4.59	0.43	9.3
CardioChek	173	4.52	0.48	10.7
Cholestech LDX	54	4.77	0.19	4.0
Reflotron	8	4.73	0.17	3.6



Your result **4.37**
 Target value (CardioChek) **4.52**
 Your specimen: %bias **-3.4** ◆

Specimen : 155B

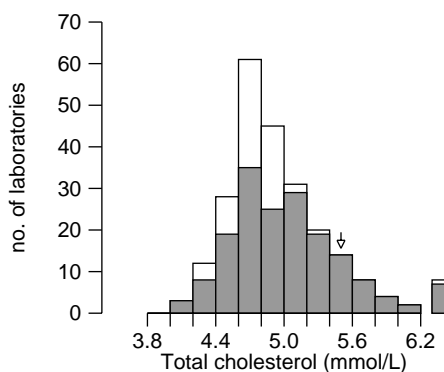
	n	Mean	SD	CV(%)
All methods [ALTM]	238	6.78	0.55	8.1
CardioChek	175	6.80	0.61	9.0
Cholestech LDX	54	6.78	0.34	5.0
Reflotron	8	6.36	0.26	4.2



Your result **6.80**
 Target value (CardioChek) **6.80**
 Your specimen: %bias **0.0** ◆

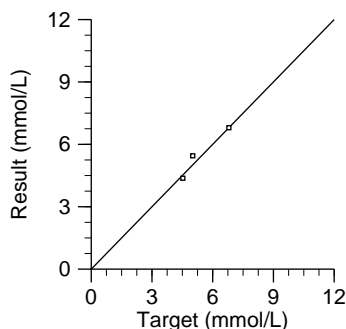
Specimen : 155C

	n	Mean	SD	CV(%)
All methods [ALTM]	236	4.93	0.42	8.6
CardioChek	173	5.01	0.48	9.5
Cholestech LDX	54	4.79	0.15	3.2
Reflotron	8	4.39	0.13	3.0



Your result **5.45**
 Target value (CardioChek) **5.01**
 Your specimen: %bias **+8.7** ◆

Result vs Target



Spec.	Result	Target
155C	5.45	5.01
155B	6.80	6.80
155A	4.37	4.52

P-RES2V