

Birmingham Quality

UK NEQAS Urinary Orotic Acid

Laboratory :

Distribution : 139

Date : DD-MMM-YYYY

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Feedback

Quality Manager  
Pathology Laboratory  
Biochemistry Department  
Hospital  
Town  
County  
Postcode

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

Paper-Free

We have gone fully 'paper-free' for accepting routine results for our EQA programmes.

Online return of results is compulsory

The submission of 'Late' results and 'Blunders/Error corrections' is web-based.

You can enter any Late results or Non-analytical errors for Distribution 139 on the web under the usual Results button. Please ensure you select the correct Distribution number from the dropdown. You should include your name and a valid reason. Amending results is at the discretion of the Programme Organiser and is not an automatic entitlement.

You have until the close of Distribution 140 to make requests for any such amendments.

We are not accepting any further requests to amend results or to change methods for Distribution 138.

Our method change service is web-based. You can select from a dropdown of methods or select the default option from the major manufacturer's products.

The rationale for introducing these enhancements is to give more control to our Participants. By encouraging our Participants to read and act on the findings of our EQA service in good time, we can make prompt updates to our database in a fully audit-trailed manner to keep both your, and our, accreditation bodies content.

Report authorised on 9 June 2015 by

David Bullock  
Director, Birmingham Quality

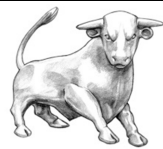


7860

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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## 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.

Specimen	Pool	Result	Target	Bias (%)	B score	C score	B	C	
Orotic acid (umol/L)	139A	223	17.1	18.3	-6.5	◆	-3.2	5.0	● ↔ ● ↔
	139B	224	46.6	46.2	+0.8	◆			
	139C	222	32.5	33.4	-2.7	◆			

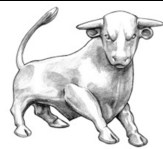
Specimen 139A: Normal adult urine + 16 umol/L orotic acid added.  
Specimen 139B: Normal adult urine + 48 umol/L orotic acid added.  
Specimen 139C: Normal adult urine + 32 umol/L orotic acid added.

Participants were asked to interpret the results as if they came from a 1-year-old child.

Specimens for Distribution 140 will be dispatched on Tuesday 16 June 2015, results are due back in Birmingham by, notionally, 23:59 on Sunday 5 July 2015.

If we have entered your result as **OMIT** , it is because the numerical value we obtained from you was implausible for that analyte.

If we have entered your result 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.



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Analyte : Orotic acid (umol/L)

Spec. Pool Pool description / Treatments / Additions

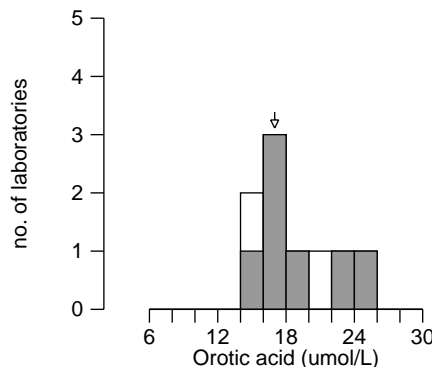
139A	223	Normal urine + 16 OA
139B	224	Normal urine + 48 OA
139C	222	Normal urine + 32 OA

All methods  
 Mass Spectrometry

Your B score is -3.2 ↔  
 Your C score is 5.0 ↔  
 The B limit is +/- 10.0  
 The C limit is 20.0

## Specimen : 139A

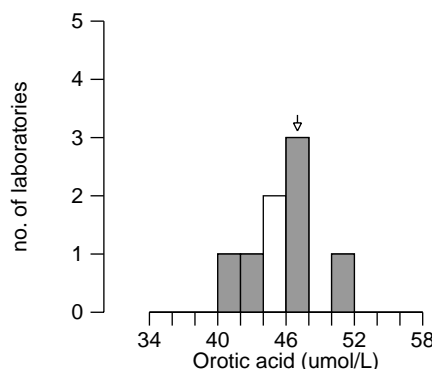
n	Mean	SD	CV(%)	
All methods [ALTM]	9	18.3	3.8	20.9
Mass Spectrometry	7	18.4	3.8	20.9



Your result 17.1  
 Target value (ALTM) 18.3  
 Standard Uncertainty 1.8  
 Your specimen: %bias -6.5 ◊  
 Accuracy Index  
 Mass Spectrometry 18.4

## Specimen : 139B

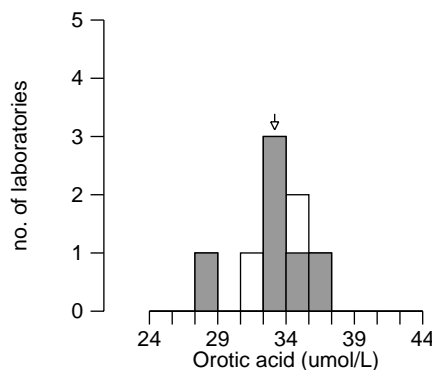
n	Mean	SD	CV(%)	
All methods [ALTM]	9	46.2	3.8	8.1
Mass Spectrometry	7	46.7	4.5	9.7



Your result 46.6  
 Target value (ALTM) 46.2  
 Standard Uncertainty 1.8  
 Your specimen: %bias +0.8 ◊  
 Accuracy Index  
 Mass Spectrometry 46.7

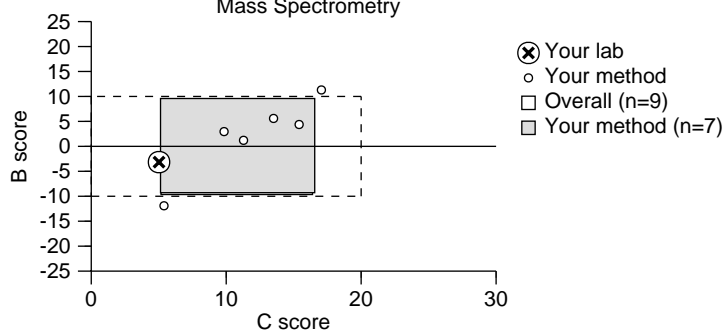
## Specimen : 139C

n	Mean	SD	CV(%)	
All methods [ALTM]	9	33.4	2.5	7.5
Mass Spectrometry	7	33.6	2.5	7.3



Your result 32.5  
 Target value (ALTM) 33.4  
 Standard Uncertainty 1.2  
 Your specimen: %bias -2.7 ◊  
 Accuracy Index  
 Mass Spectrometry 33.6

Orotic acid B score is -3.2 and C score is 5.0  
Mass Spectrometry



Orotic acid Between-laboratory agreement  
Mass Spectrometry

