

Birmingham Quality

# UK NEQAS for Thyroglobulin

Laboratory :

Distribution : **95**

Date : 16-Jun-2015

Page 4 of 7

Analyte : Thyroglobulin (ug/L)

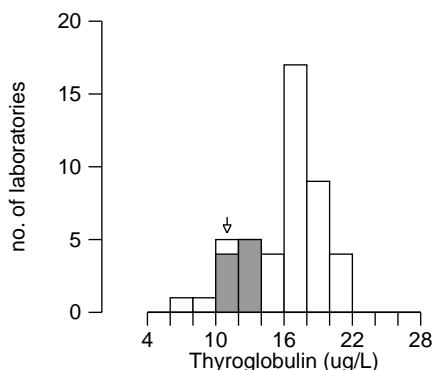
Spec.	Pool	Pool description / Treatments / Additions
95A	207	Pooled normal serum, single donation, Anti-Tg negative
95B	212	Normal serum, single donation, Anti-Tg negative by consensus
95C	189	Pooled normal serum, Anti-Tg negative by consensus

All methods  
 Beckman Access/Dxl

Your A score is  
 Your B score is -17.4 ↔  
 Your C score is 16.0 ↔  
  
 The A limit is 200  
 The B limit is +/- 75.0  
 The C limit is 75.0

## Specimen : 95A

	n	Mean	SD	CV(%)
All methods [ALTM]	46	16.4	3.5	21.2
Beckman Access/Dxl	9	12.1	0.4	3.0
Brahms Tg Plus	2	14.3		
Genesis Diagnostics	1	7.2		
In-house RIA	2	11.2		
Roche Cobas/Modular	6	16.5	0.4	2.4
Siemens Immulite 2000/2500	26	18.4	1.7	9.1

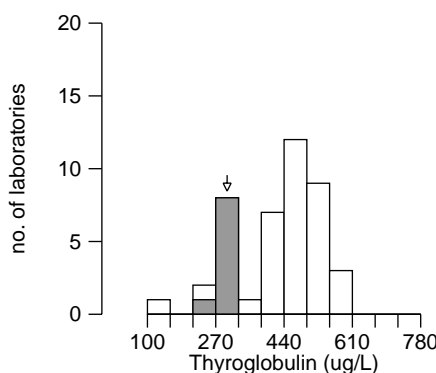


Your result 11.8  
 Target value (ALTM) 16.4  
 Standard Uncertainty 0.7  
  
 Your specimen:  
 %bias -27.9 ◆  
 transformed bias  
 Accuracy Index

Beckman Access/Dxl 12.1

## Specimen : 95B

	n	Mean	SD	CV(%)
All methods [ALTM]	43	431	110	25.6
Beckman Access/Dxl	9	288	15	5.3
Brahms Tg Plus	1	556		
Genesis Diagnostics	1	152		
In-house RIA	2	389		
Roche Cobas/Modular	5	495	19	3.9
Siemens Immulite 2000/2500	25	476	54	11.3
non-numeric results	2			

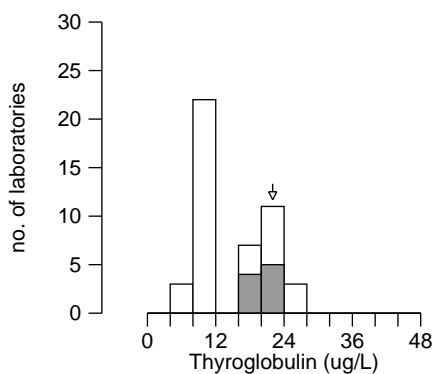


Your result 282.7  
 Target value (ALTM) 431  
 Standard Uncertainty 22.7  
  
 Your specimen:  
 %bias -34.5 ◆  
 transformed bias  
 Accuracy Index

Beckman Access/Dxl 288

## Specimen : 95C

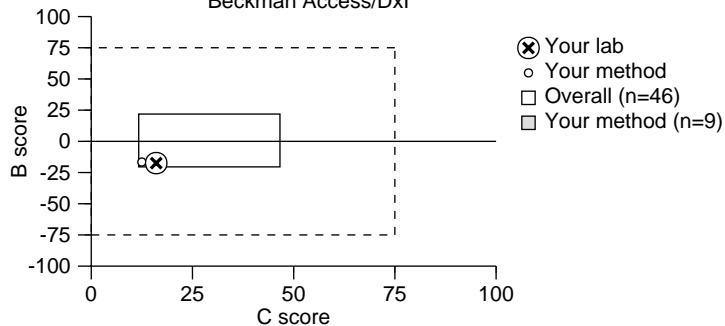
	n	Mean	SD	CV(%)
All methods [ALTM]	46	14.9	7.1	47.5
Beckman Access/Dxl	9	20.2	0.7	3.6
Brahms Tg Plus	2	21.3		
Genesis Diagnostics	1	21.8		
In-house RIA	2	18.6		
Roche Cobas/Modular	6	24.2	1.3	5.2
Siemens Immulite 2000/2500	26	9.9	1.3	13.1

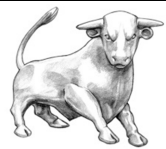


Your result 20.6  
 Target value (ALTM) 14.9  
 Standard Uncertainty 1.4  
  
 Your specimen:  
 %bias +38.1 ◆  
 transformed bias  
 Accuracy Index

Beckman Access/Dxl 20.2

Thyroglobulin B score is -17.4 and C score is 16.0  
Beckman Access/Dxl





Birmingham Quality

**UK NEQAS for Thyroglobulin**

Laboratory :

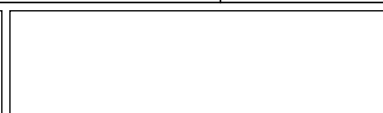
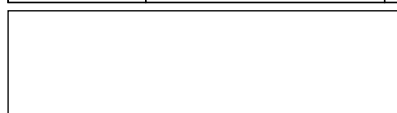
Distribution : **95**

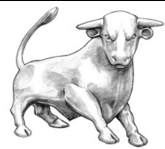
Date : 16-Jun-2015

Page 5 of 7

Analyte : Thyroglobulin (ug/L)

Pool (exclusion) [Type]	Distribution 90 13-Jan-2015			Distribution 91 10-Feb-2015			Distribution 92 10-Mar-2015			Distribution 93 14-Apr-2015			Distribution 94 12-May-2015			Distribution 95 16-Jun-2015		
	result	target	%bias	result	target	%bias	result	target	%bias	result	target	%bias	result	target	%bias	result	target	%bias
214										0.3	<b>0.3</b>	-5.5						
213													<0.1	<b>0.5</b>				
216										0.5	<b>0.5</b>	-1.5						
215										0.8	<b>0.8</b>	-2.9						
183				3.7	<b>4.7</b>	-21.4												
183							5.9	<b>6.5</b>	-8.9									
202	6.7	<b>8.3</b>	-19.7															
205													7.0	<b>9.4</b>	-25.4			
206													9.2	<b>12.2</b>	-24.8			
<b>189</b>	21.5	<b>13.9</b>	+54.4													20.6	<b>14.9</b>	+38.1
<b>207</b>	12.5	<b>16.9</b>	-26.1													11.8	<b>16.4</b>	-27.9
208				18.0	<b>27.3</b>	-34.1												
209				22.0	<b>31.4</b>	-30.0												
199							73.5	<b>80</b>	-8.0									
<b>212</b>																282.7	<b>431</b>	-34.5
154							678	<b>901</b>	-24.7									
Method mean	SF1		+2.9	SF1		-28.5	SF1		-13.9	SF1		-3.3	SF1		-25.1	SF1		-8.1
A score																		
B score	+0.7			-5.0			-1.9			-10.3			-18.1			-17.4		
C score	46.2			42.9			40.8			25.0			14.6			16.0		





Birmingham Quality

UK NEQAS for Thyroglobulin

Laboratory :

Distribution : 95

Date : 16-Jun-2015

Page 6 of 7

## Birmingham Quality Participants' Questionnaire

This is a very brief questionnaire specifically about the EQA services provided by the Birmingham Quality [UK NEQAS] Centre. Your feedback is very important to us and will help us to improve our service to you so please be as specific as possible when answering the questions below. A brief 'memory jogger' has been provided overleaf but please do comment on any aspect of our service.

Please provide your contact details overleaf **ONLY** if you would like us to respond to your comments. We are always happy to receive anonymous feedback.

### What do we do well?

### What could we do better?

### Please use this space to suggest improvements or make recommendations

Please complete and return to Birmingham Quality by e-mail: [BirminghamQuality@uhb.nhs.uk](mailto:BirminghamQuality@uhb.nhs.uk) or FAX +44 (0) 121 414 1179



## Memory Jogger

### Our interaction with participants

- Joining / signing-up to EQA programmes
- E-mail notifications of specimen dispatch / report publication
- Information on the Birmingham Quality website ([www.BirminghamQuality.org.uk](http://www.BirminghamQuality.org.uk))
- Entering your results online
- Viewing your reports online
- Updating your information (methods, contact e-mail addresses etc)
- Responses to telephone enquiries
- Should we use other forms of social media to communicate with participants? E.g. Twitter, Facebook, Instagram etc
- Meetings / training days
- Invoicing
- Payment

### EQA programmes

- Are there any additional programmes / analytes that you would like us to provide EQA services for?
- What could we do to improve / enhance any of our existing EQA programmes?
- Interpretative EQA programmes e.g. UK NEQAS for Interpretative Comments
- Fees

### EQA specimens

- Number of specimens per distribution
- Frequency of distributions
- Type of material provided
- Volume of material provided (scheme-specific)
- Sample tubes
- Packaging
- Mechanism of delivery (postal service etc)
- Information on results documents
- Booking-in process

### EQA reports

- Information contained in the report e.g. tables, statistics (mean, SD, CV%, median, IQR) etc
- Information about your performance e.g. Participation Summary page, numerical scores (ABC of EQA), traffic lights, colour-coded symbols, etc
- Graphs (e.g. histograms, pie charts, penalty box plots etc)
- Network reports

### Problem solving

- Notification of (poor) performance
- Availability / usefulness of help and advice from Birmingham Quality

## Your contact details\*

Your UK NEQAS laboratory number (if known):			
Title:		Job title:	
First name:			
Surname:			
Organisation:			
Address 1:			
Address 2:			
Postcode:		Country:	
E-mail address:			
Mobile tel no:		Work tel no:	

\*Your details will only be used for the purposes of responding to your comments and will not be shared with any third parties.