

# **WEQAS Web Training Guide**

-

## **Full Lab Access Users**

This guide covers the following:

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# Accessing The Site & Site Overview

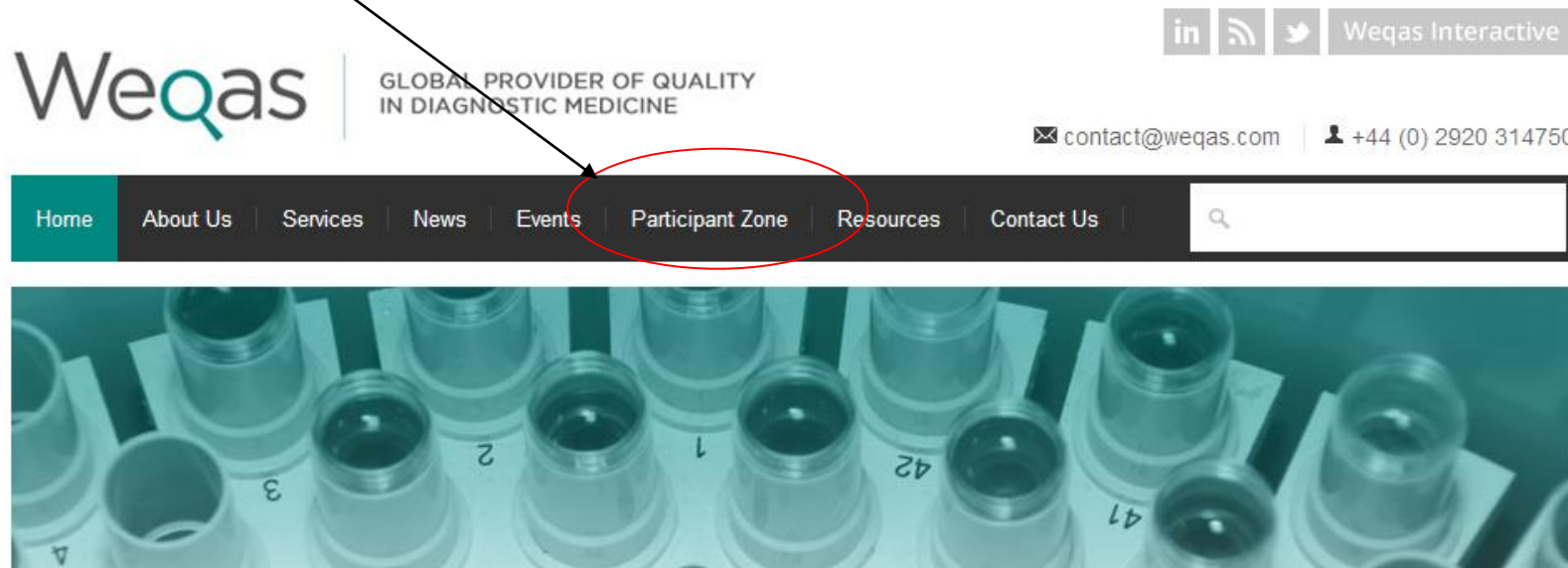
The log in page for the WEQAS interactive service  
can be accessed directly via URL  
<http://reports.weqas.com>

You can also navigate to the login page from the  
weqas website [www.weqas.com](http://www.weqas.com)

# Accessing from www.weqas.com

From the site home page, click on the Weqas interactive button to go straight to the log in page

Or from anywhere within the site, click on "Participant Zone" to access the Participant Zone Homepage



On Participant zone home page, click on the WEQAS Interactive Link in the Login section of the Right Hand Side Navigation Bar

Home | About Us | Services | News | **Participant Zone** | Weqas Blog | Opportunities | Contact

Participant Zone

As a Weqas participant, you can access all the links, resources and options you regularly use all in one place.

**Log in**

- Weqas Interactive
- POCT Interactive (CueSee)

**For Participants**

**October- November Distribution Dates**

Send-Out Date	Programmes	Distribution Code	Return Date
10 October	POCT Creatinine/ POCT Lipids/	CR21	24 October 2016

•The WEQAS Interactive Login screen will be displayed

# WEQAS Interactive Log in page:

Log in using your lab username and password

WEQAS: : [] x

← → ↻ calc.weqas.com

C and V related

**Weqas** | GLOBAL PROVIDER OF QUALITY  
IN DIAGNOSTIC MEDICINE

**Weqas**

User Id:

Password:

Login

**Forgotten your password?**  
Enter your User ID in the box below and click the Remind Me button. Your password will then be emailed to the email address that your User ID was originally registered with.

Remind Me

You will be presented with your lab home page

The screenshot shows the WeQas Home Page. On the left is a navigation sidebar with three main sections: a blue top section with 'Logout', 'Home', and 'PDF Report Prefs'; a green middle section titled 'AAE' with 'Lab Stats', 'Lab Profile', and 'Scheme Selection'; and a grey bottom section with a dropdown menu labeled '(Pick a Section)'. The main content area is titled 'Home Page' and contains the instruction: 'Please select a section from the drop down on the left to access section specific functions including result entry.' The footer of the sidebar contains the copyright notice '© WeQas 2001 - 2017'.



A password reminder function is available on the login page:

Enter your user name in the box below “Forgotten your password?” and click on the “Remind Me” button and your password will be sent to the email address registered on your user account.

**Weqas**

User Id:

Password:

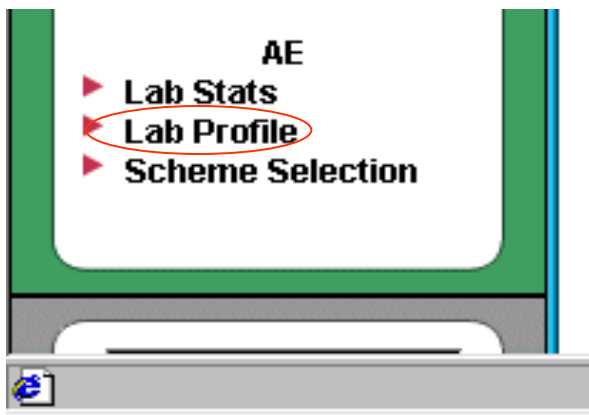
**Forgotten your password?**

Enter your User ID in the box below and click the Remind Me button. Your password will then be emailed to the email address that your User ID was originally registered with.

If you can not remember your user name, please contact WEQAS to arrange for an email reminder to be sent.

# Lab Profile

Click on Lab Profile to check / update your Details. Different contact names can be entered for reports, samples and invoicing.



Groups of Labs can be linked to allow regional / Group access. If your lab is currently linked to a group the details will show at the top of your lab profile. *Contact WEQAS for information about group reports available or to set up a new group or region*

**Lab Details**

Lab Name: AAE  
 Live

**Regions:**

- WEQAS subset
- web users requiring printed reports

**Reports & Samples**

Contact name for reports: Laboratory Manager

Contact name for samples: Quality Officer

Delivery Address: Biochemistry  
A Hospital  
A Town  
Somewhere

Non UK:  Check this box if the above address is outside the UK

Telephone (delivery contact): 02920 742810

Fax (delivery contact): 02920 748336

Email (delivery contact): a.name@ahospital.nhs.uk

**Department Head**

Click on save to update details

**Finance**

Invoice Name: A Trust

Invoice Address: Some where else

Telephone (Finance): 02920 748183

Fax (Finance): P.Department@ahospital.nhs.uk

Email (Finance):

Web access:  Check this box if you have web access.

**SAVE**

A confirmation message will be displayed, showing the information now stored for your lab

**Lab Information Updated**

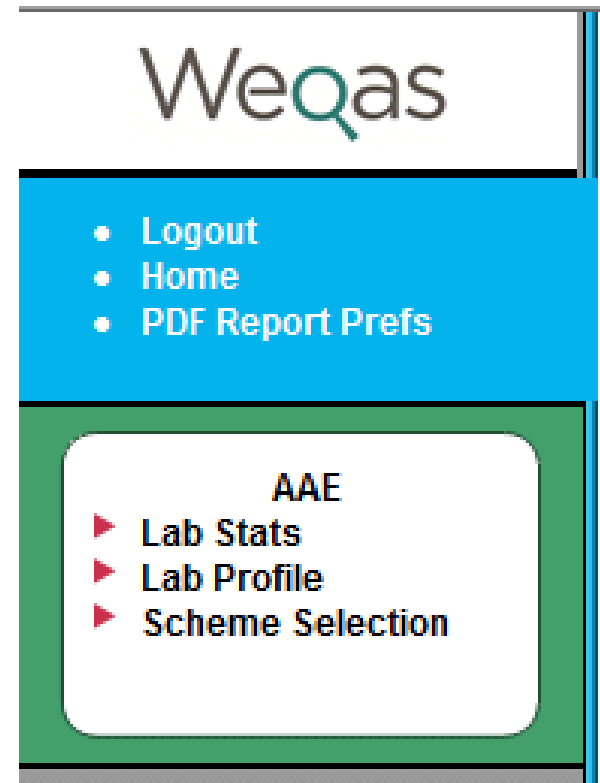
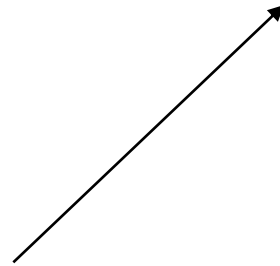
Lab Id	5184
Lab Name	AAE
Regions	WEQAS subset
Contact name for reports	Laboratory Manager
Contact name for samples	Quality Officer
Delivery Address	Biochemistry A Hospital A Town Somewhere ZZ25 4ZZ

# Setting Preferences for Automated PDF Report Issue

A function is available to issue reports in PDF format direct to the email registered for your username at the time when a distribution's reports are first released.

It is possible for users to set their own preferences for these reports.

To access this, click on "PDF Report Prefs" in the blue section of your left hand menu



You will be taken to a form listing all the schemes in which you are currently enrolled.

There are 2 types of reports which can be requested for automatic release: standard and simplified per distribution reports.

See pages 86 – 99 for more information on the report types

There are 3 selections to be made for each report type.

### PDF Report preferences.

Order : **add tonomotrol**  
Valid from : **21 Oct 2016**  
User: **wegasauto**

Scheme	PDF Report Preferences									
	Standard reports					Simplified reports				
	Send	Lab	Section	Single	Double	Send	Lab	Section	Single	Double
Ammonia	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Bile Acids	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bilirubin	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Blood Gas	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cardiac Marker	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cooximetry	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Endocrine	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
General Urine Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Glycated Haemoglobin	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Haematinics	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Homocysteine	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
hsCRP	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lipid	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mainline Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Oxalate & Citrate	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
POCT HIV	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
q+q test sch 2	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
qual test sch 2	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
quant test 2	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roses	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Salicylate & Paracetamol	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serum ACE	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serum HCG	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serum Indices	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Therapeutic Drug Monitoring	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
tonomotrol	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Save

“Send” – check this box if you wish to receive this type of report automatically to your email as a PDF file for this scheme. Uncheck the box if you do not wish to receive reports for this scheme.

Scheme	PDF Report Preferences									
	Standard reports					Simplified reports				
	Send	Lab	Section	Single	Double	Send	Lab	Section	Single	Double
Ammonia	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bile Acids	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bilirubin	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

“Single/Double sided” – As with all formats of Participant reports on the system, selecting “Double” will create a file with additional blank spacer pages added to ensure that when printing out the resulting report double sided, each section will be on a separate sheet.

If you have more than one section registered in a scheme, “Lab” or “Section” indicate how you want the reports for these sections split up.

The image shows a screenshot of a 'PDF Report Preferences' form. It is divided into two main sections: 'Standard reports' and 'Simplified reports'. Each section has a 'Send' checkbox (checked) and four radio button options: 'Lab', 'Section', 'Single', and 'Double'. In the 'Standard reports' section, the 'Lab' and 'Section' radio buttons are circled. In the 'Simplified reports' section, the 'Section' radio button is circled.

“Lab” will generate a single PDF file including all the sections in a single report. This will be the same report you would receive by going to “Lab Stats” and choosing “Request PDF”

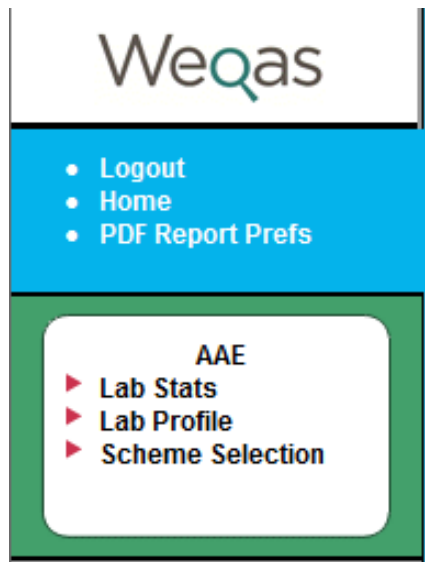
“Section” will generate a separate PDF file for each separate section registered, each equivalent to emulating the individual section, going to “section stats” and choosing “Request PDF”. All the resulting files will be sent out together in a single email.



Serum Indices	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Therapeutic Drug Monitoring	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
tonomotrol	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When you have completed your selections, go to the bottom of the form and click on “Save” to submit them to the database.

Once your selections have been recorded, you will receive a confirmation message.



### **PDF Report preferences.**

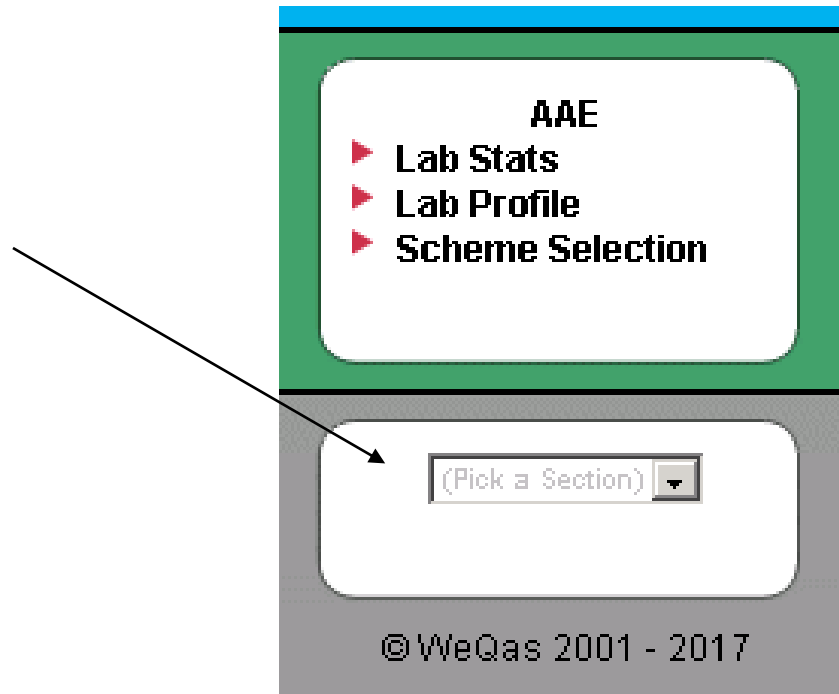
Thank you. Your PDF Report preferences have been updated

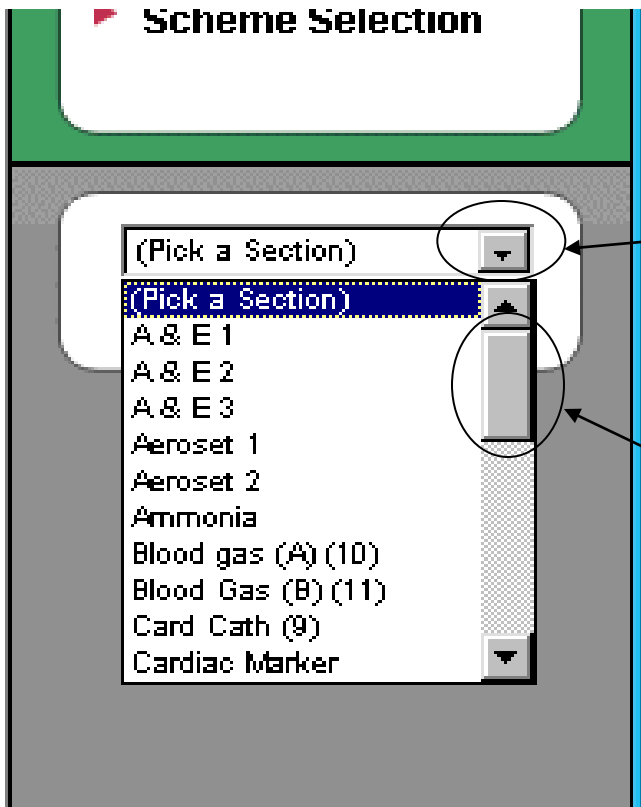
# Entering Results

# Accessing Result Entry Forms

In the bottom grey section of the left hand menu is a box which says (Pick Section)

This is a drop down menu of your lab's sections



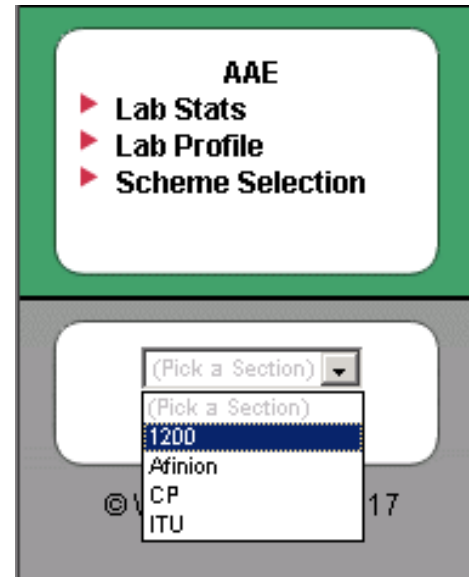


Click on the grey box with the black triangle on the right of this box to display a list of all your sections.

Use the scroll bar on the right of the list to display more sections

Move the cursor over the list to highlight different section names in blue.

Click the left hand mouse button when a section is highlighted to select the section.



You will be taken to the home page for this section

The screenshot shows the 'Section Home Page' in the WeQas system. The page is divided into a left sidebar and a main content area. The sidebar contains the WeQas logo at the top, followed by a blue navigation menu with 'Logout', 'Home', and 'PDF Report Prefs'. Below this is a green menu for 'AAE' with options for 'Lab Stats', 'Lab Profile', and 'Scheme Selection'. At the bottom of the sidebar is a grey menu for a specific section (ID 1200) with options for 'View Analyte Profile', 'Result Entry', and 'Section Stats'. The main content area is currently blank. The footer of the sidebar includes the copyright notice '© WeQas 2001 - 2017'.

**WeQas**

**Section Home Page**

- Logout
- Home
- PDF Report Prefs

**AAE**

- ▶ Lab Stats
- ▶ Lab Profile
- ▶ Scheme Selection

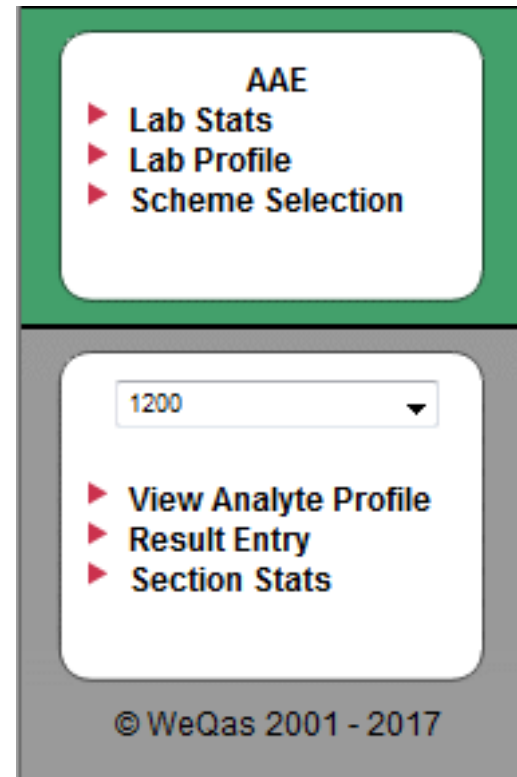
1200 ▼

- ▶ View Analyte Profile
- ▶ Result Entry
- ▶ Section Stats

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New menu options now appear in the grey section of the left hand menu bar.

Click on “Result Entry” with the left mouse button to go to result entry for this section





The result entry page shows a list of all current distributions for the schemes relevant to the section in question

**WeQas**

- Logout
- Home
- PDF Report Prefs

**AAE**

- ▶ Lab Stats
- ▶ Lab Profile
- ▶ Scheme Selection

1200 ▼

- ▶ View Analyte Profile
- ▶ Result Entry
- ▶ Section Stats

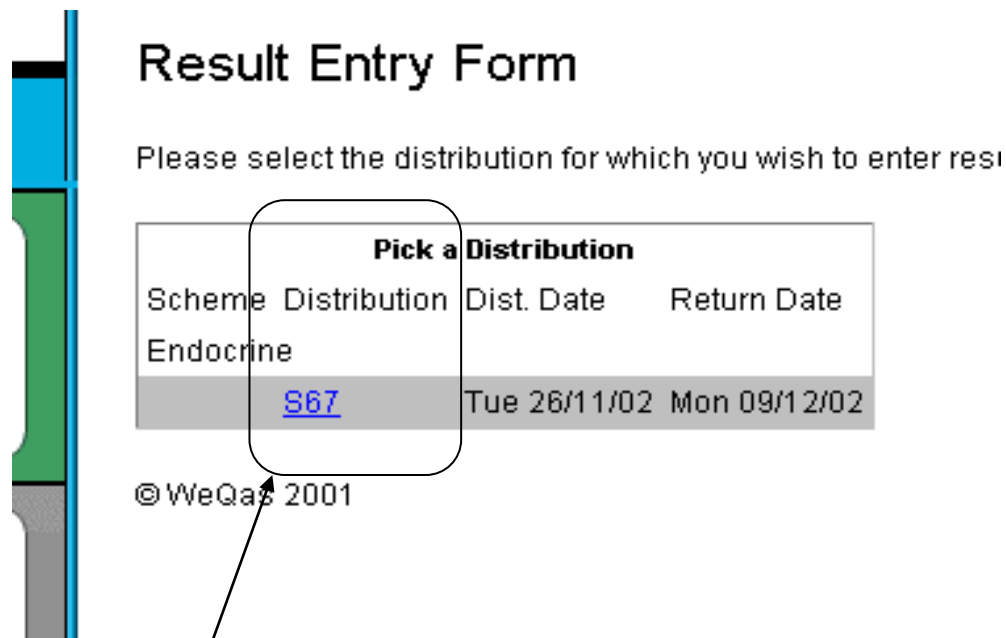
© WeQas 2001 - 2017

### Result Entry

Please select the distribution for which you wish to enter results

Scheme	Distribution	Dist. Date	Return by Date
<b>General Urine Chemistry</b>			
	U173	Tue 16/05/17	Wed 31/05/17
<b>Serum ACE</b>			
	ACE45	Tue 09/05/17	Tue 23/05/17
<b>CRP</b>			
	CRP41	Tue 16/05/17	Wed 31/05/17

Distribution codes appear in the Distribution column



**Result Entry Form**

Please select the distribution for which you wish to enter results

Scheme	Distribution	Dist. Date	Return Date
Endocrine	<a href="#">S67</a>	Tue 26/11/02	Mon 09/12/02

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Select the distribution for which you wish to enter results by clicking on the distribution code with the left mouse button

You will be taken to a result entry form for this distribution

**Result Entry Form**

**Lab: AE . Section: ENDO (8)**

Distribution Code: S67 Sent out on: Tue 26/11/02 Return by: Mon 09/12/02

Use the form below to enter your results into the system.  
If you do not have a complete set of results at this time then you can enter a partial set and click the save button and return to complete it at a later time. Once you are satisfied the results have been entered correctly, click the Submit button. Once submitted results can no longer be changed.

*NB: Requests to amend results following discovery of a transcription error must be submitted in writing to WEQAS along with evidence of original analyser result.*

Entries that appear in **bold** are previously saved entries which fall outside the pathological limits for that analyte. When the result set is stored or submitted any results that fall outside the pathological ranges are highlighted in **red** and a popup box appears. If at this point the result in question is deemed to be erroneous then you can cancel the operation and change the value. If indeed the value is the recorded value then you can proceed by clicking OK.

	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	
Cortisol	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Progesterone	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Oestradiol	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	pmol/l
Testosterone	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Free T4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	pmol/l
Free T3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	pmol/l
TSH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	mU/l
LH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	IU/l
FSH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	IU/l
Prolactin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	mIU/l

Place the cursor into the cell for which you wish to enter results and type your result.

You can move from one cell to the next by using the tab key on your keyboard.

You can move back one cell by holding down the shift key and clicking the tab key

11

Use of the TAB key causes the cursor to proceed to the next cell in the current Column ▾

Results						
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	
Cortisol	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Progesterone	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Oestradiol	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	pmol/l
Testosterone	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Total T4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Total T3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	nmol/l
Free T4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	pmol/l
Free T3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	pmol/l
TSH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	mU/l
LH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	IU/l
FSH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	IU/l
Prolactin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	mU/l

# Quantitative Analytes

For Quantitative analytes the system will only accept

- Numerical data
- Entries of the format  $>\#$  or  $<\#$  (eg  $>100$  or  $<0.6$ )

If you do not have a result for a given analyte, leave the space blank. You can give details of the reason for the omitted result (e.g. “out of Range” or “unable to calculate”) in the comments box at the bottom of the form. Indicate the sample number and analyte along with the comment. Do not type this kind of information in the individual result cells.

# Qualitative Analytes

For Qualitative analytes, a drop down list of possible results is provided. Click on the down arrow on the right of the box to access the list and click on the required result to select it.

## Using the TAB key

Use of the TAB key causes the cursor to proceed to the next cell in the current

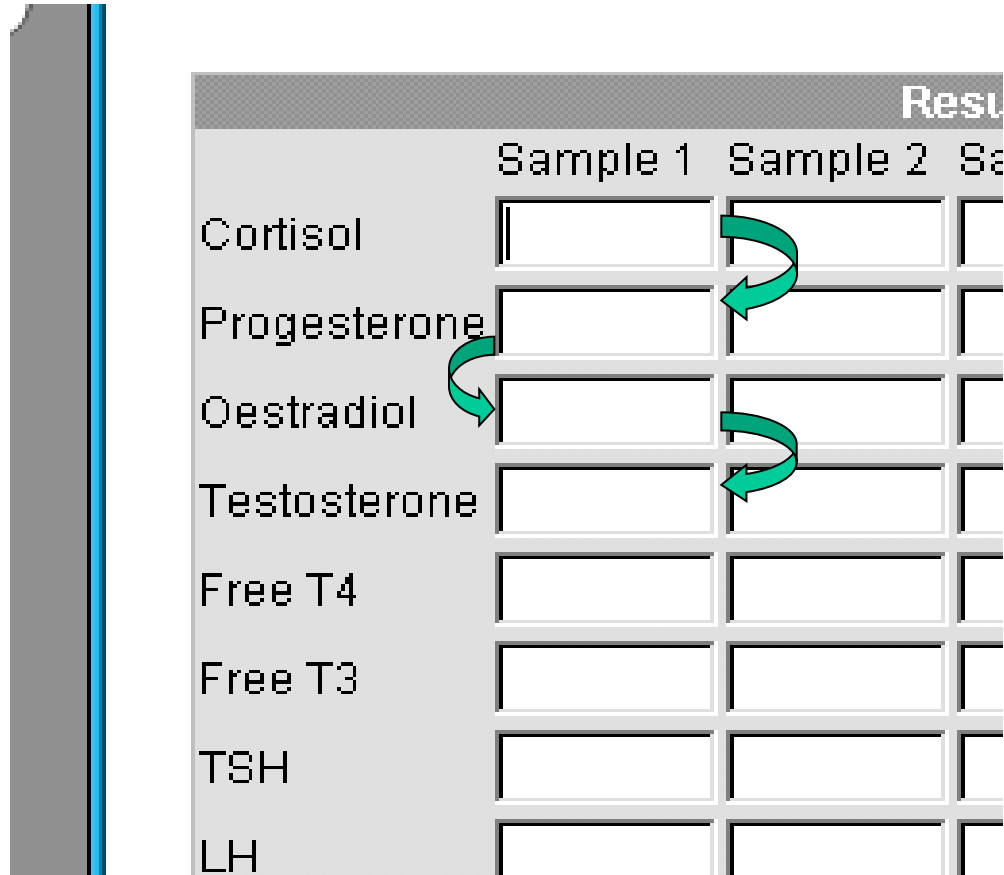
Results			
	Sample 1	Sample 2	Sample 3
p24 Ag	Negative	Negative	Positive
HIV Ab	Positive	Negative	Positive

(Pick One)  
Negative  
Positive

Sample Dates and Storage Conditions	
<b>Note: Please enter dates in DD/MM/YYYY format</b>	
Date Samples Received:	<input type="text"/>

# Setting Tab Order

By default, using the tab key on the result entry form moves from the current cell to the cell immediately below it in the same column.



The diagram shows a vertical grey bar on the left with a blue line. To its right is a table with a grey header and a white body. The header has columns for 'Sample 1', 'Sample 2', and 'Sa'. The rows are labeled with hormone names: Cortisol, Progesterone, Oestradiol, Testosterone, Free T4, Free T3, TSH, and LH. Green arrows indicate the tab order: from Cortisol to Progesterone, Progesterone to Oestradiol, Oestradiol to Testosterone, and Testosterone to the next empty cell in the 'Sample 1' column.

	Sample 1	Sample 2	Sa
Cortisol			
Progesterone			
Oestradiol			
Testosterone			
Free T4			
Free T3			
TSH			
LH			

This order can be changed by using the “Using Tab key” section on the result entry page.

question is deemed to be erroneous then you can cancel the operation and change the value. If indeed the value can proceed by clicking OK.

### Using the TAB key

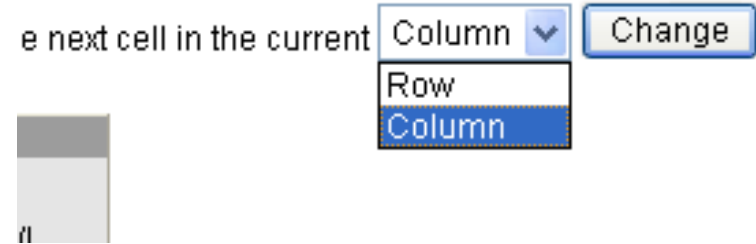
Use of the TAB key causes the cursor to proceed to the next cell in the current

Column

Results				
	Sample 1	Sample 2	Sample 3	
Sodium	100.0	<input type="text"/>	<input type="text"/>	mmol/l
Potassium	25.0	<input type="text"/>	<input type="text"/>	mmol/l

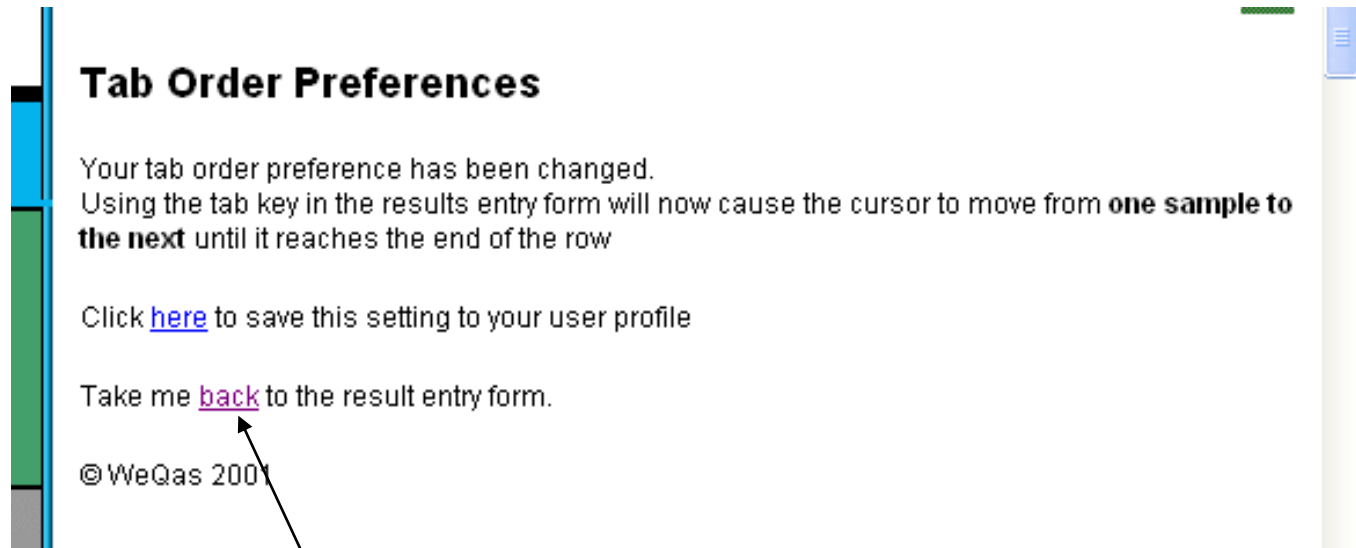


Select the option you prefer from the drop down menu.



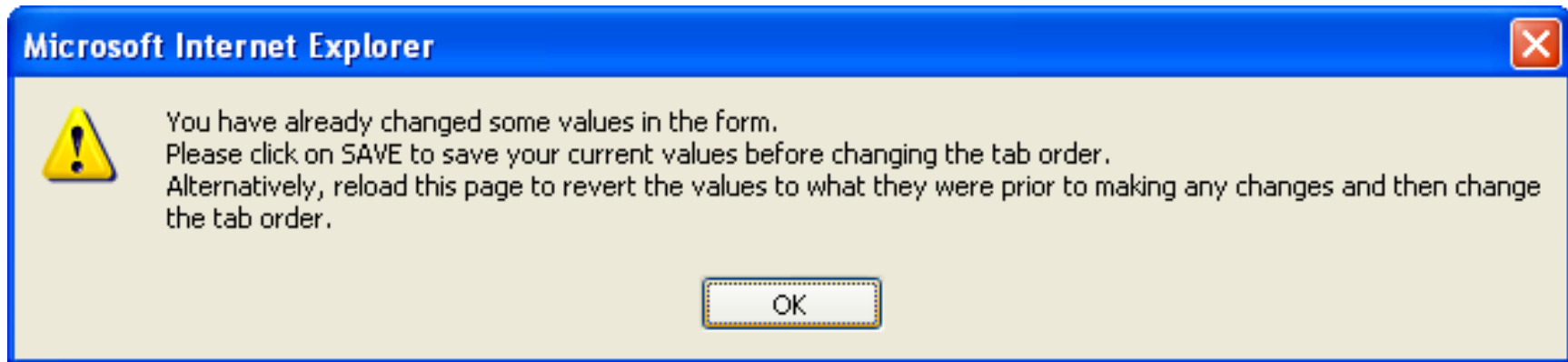
l in the current   Then click on change

This will take you to the tab order preferences page.



If you click on “back” at this stage, you will be returned to your result entry page. The change to your tab order will last only until the end of your currently logged in session.

N B If you chose to change the tab order after you have started entering results, you will receive the following warning.



You will not be able to move to the Tab Order Preferences page until you have either save the results you have entered or reloaded the result entry page.

If you wish to retain the tab order change for future log in sessions, click on the “[here](#)” link on the Tab Order Preferences page to save the setting to your user profile.



## Tab Order Preferences

Your tab order preference has been changed.  
Using the tab key in the results entry form will now cause th  
**the next** until it reaches the end of the row

Click [here](#) to save this setting to your user profile

Take me [back](#) to the result entry form.

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You will receive confirmation that your settings have been saved and you will again be offered the option to return to the previous result entry form.



## Tab Order Preferences

Setting saved to profile.

Take me [back](#) to the result entry form.

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# Entering sample dates and storage conditions

At the bottom of the result entry form is a section for entering the dates samples were

- Received
- Analysed

And storage conditions between the two dates

This information is used in a number of ways including

- tracking trends or failures in delivery service
- identifying possible variation in results due to environmental conditions rather than any analytical issues.

Please enter as much of this information as you can when you enter your results.

For some schemes this information is mandatory, and you will not be able to submit results if these fields are not completed

Conjugated Bilirubin    umol/l

**Sample Dates and Storage Conditions**

**Note: Please enter dates in DD/MM/YYYY format**

Date Samples Received:

Date Samples Analysed:

Storage Conditions:

Comments (please use this area to provide any additional information)

# Entering Other Information Relevant to the Distribution Results

There is also an area at the bottom of the result entry form which can be used to report other information relevant to the particular distribution to WEQAS

**For Example:** Use this area to notify WEQAS that a particular analyte has been reported in units that differ from the default units indicated on the entry form

The screenshot shows a data entry interface. At the top, there is a table with two rows of data:

Urate	2450	950	3750	mmol/l
Amylase				IU/L

Below the table is a section titled "Sample Dates and Storage Conditions". It contains the following fields:

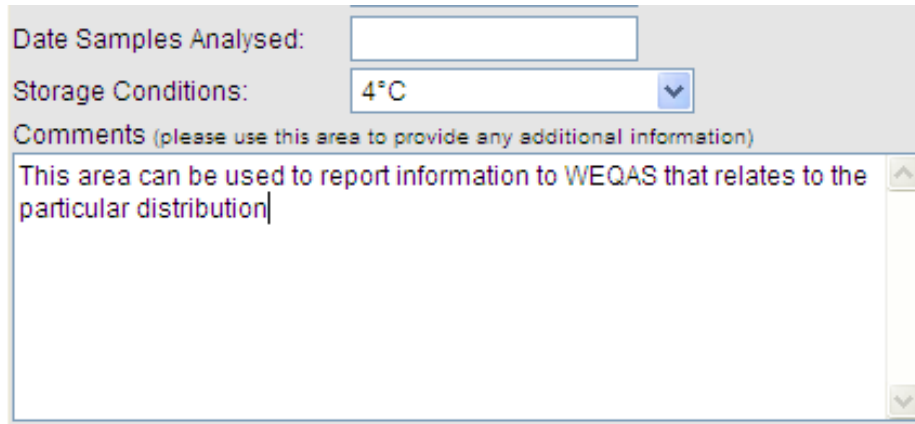
- Note: Please enter dates in DD/MM/YYYY format
- Date Samples Received:
- Date Samples Analysed:
- Storage Conditions:
- Comments (please use this area to provide any additional information):

## Please note:

These comments are only reviewed during the statistical calculation / report generation phase.

This area should not be used for communication requiring an urgent response, or for general communication

Information from WEQAS, specific to this distribution, including samples requiring special handling is also located at the bottom of the result entry form



Date Samples Analysed:

Storage Conditions:

Comments (please use this area to provide any additional information)

This area can be used to report information to WEQAS that relates to the particular distribution

### Important Information

Please note: Urea and Creatinine to be analysed on sample 1 only.



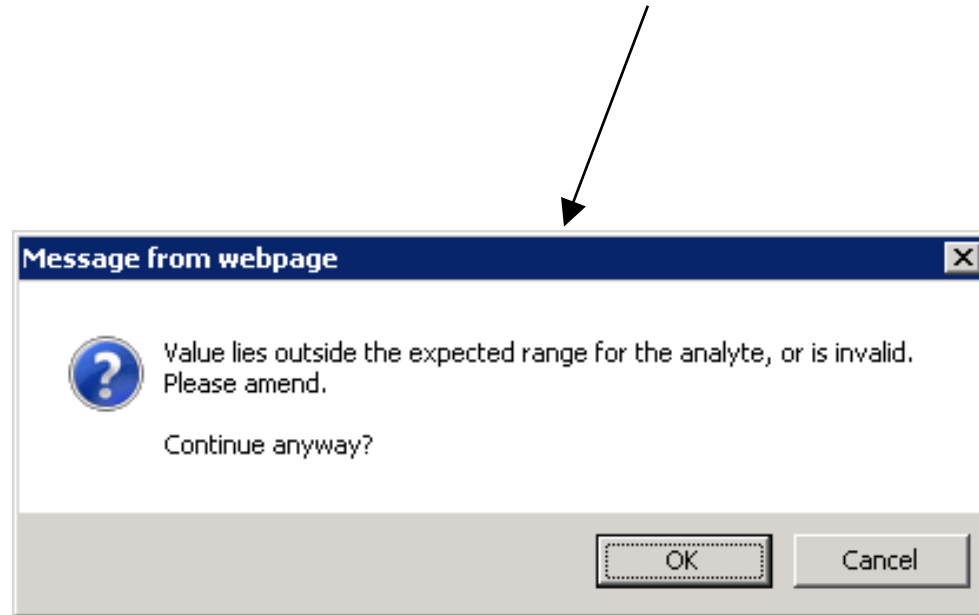
## **Saving / Validating Results**

When you have entered all your results, click on the save button.

The system checks the entered results for potential errors before saving the results and notifies you of any possible problems or transcriptions errors with your results.

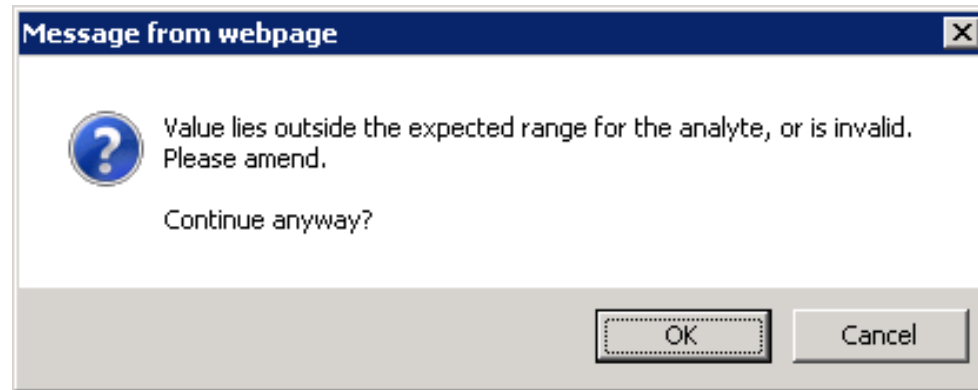
Possible problem entries are highlighted in red in turn, and an alert box is displayed indicating the nature of the possible problem.

The problem result may be obscured by the alert box. If you cannot see any red highlighted results, place the cursor over the blue title bar of the alert box.



Hold down the left hand mouse button and drag the alert box around the screen.

## Alert type 1



This problem indicates that the result falls outside of the range set for this analyte.

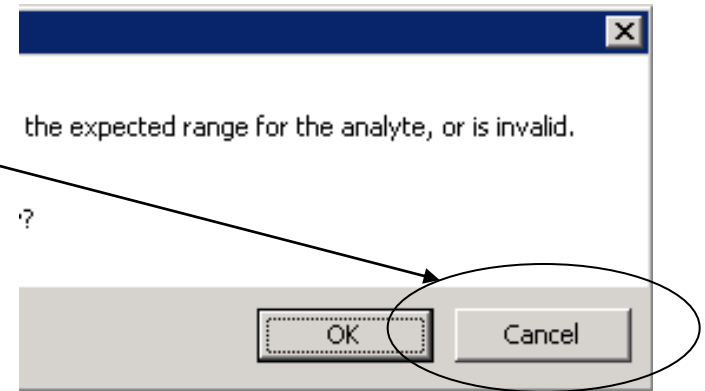
This may be a result of

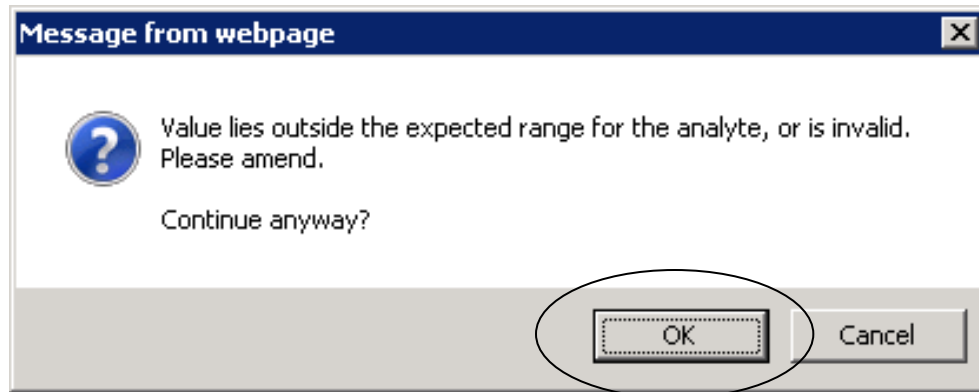
- a transcription error
- The result being in different units than those set for the analyte

If you identify an error with the result you have entered, click on cancel in the alert box.

You will be returned to the result entry form.

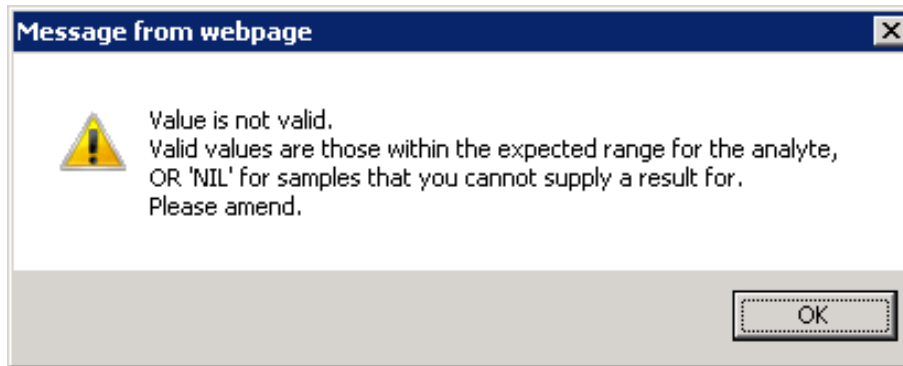
Place the cursor in the cell with the error and correct the result.





If the result as you have entered it is correct, click on OK. The result will be saved.

## Alert type 2

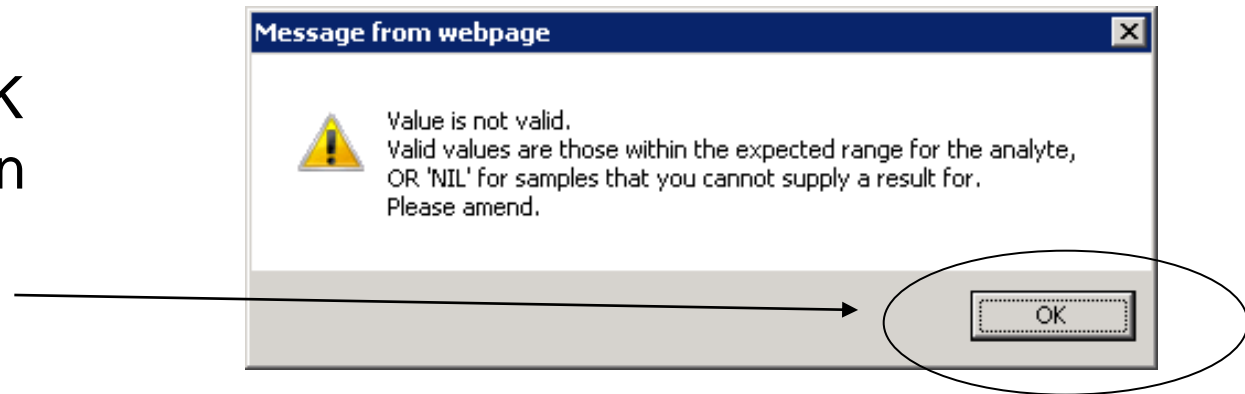


This alert box indicates an invalid data type has been entered.

Valid data types are:

- numerical data
- data beginning with < or >
- NIL - indicating a result will not be available for this cell

You must click OK on this alert box in order to proceed.



You will be returned to the result entry form to correct the problem

Common typographical errors include

- Inclusion of a space either before or after the numerical values
- The inclusion of a second trailing decimal point (e.g. 45.6.0 or 45.6. )
- The inclusion of double decimal points (e.g. 45..6)

Once any problem results have been rectified, the results will be saved.

Once data has been successfully uploaded to the database, one of the following confirmation screens will be displayed, including a copy of the data set submitted.



Results have been saved though the result set is still incomplete

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OR



## Results Saved

Results have been stored.

You may edit entered results up until midnight on the Return by date for this distribution



# Confirmation Type 1

A full data set has been stored.  
However, you may amend the reported results on line up until midnight on the closing date for the distribution



## Results Saved

Lab: AAE . Section: 1200

Distribution Code: B211 Sent out on: Mon 04/07/11 Return by: Wed 18/07/12

Results					
	Sample 1	Sample 2	Sample 3	Sample 4	
Total Bilirubin	356.2	123.3	25.6	221.7	umol/l
Conjugated Bilirubin	76.2	29.8	12	48.8	umol/l

Results have been stored.

You may edit returned results up until midnight on the Return by date for this distribution.

# Confirmation Type 2

If you have only entered results for some of the analytes the section is enrolled for, this will be indicated on the successful save notification

**Results Saved**

Lab: AAE . Section: CP

Distribution Code: S171 Sent out on: Wed 27/07/11 Return by: Wed 30/11/11

Results						
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	
Cortisol	40	200	750	900	1200	nmol/l
Progesterone						nmol/l
Oestradiol						pmol/l
Testosterone						nmol/l
Total T4						nmol/l
Total T3						nmol/l
Free T4						pmol/l
Free T3						pmol/l
TSH						mU/l
LH						IU/l
FSH						IU/l
Prolactin						mU/l

Results have been saved though the result set is still incomplete

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# Confirmation : Qualitative entry

## Results Saved

**Lab: ABN . Section: (P) Porphyrin**

Distribution Code: RoT8 Sent out on: Wed 25/02/15 Return by: Mon 09/03/15

Results				
	Sample 1	Sample 2	Sample 3	
semi-quantitative TUP				nmol/l
Qualitative PBG	Positive	Equivocal	Negative	

Results have been saved though the result set is still incomplete

You **must** wait for a confirmation screen to be displayed before navigating away from this area of the site.

Navigating away before confirmation is received will interrupt the upload procedure to the database and the data may not be saved correctly / completely.

If you do not navigate away from the page, but a confirmation screen is not displayed, there may have been an interruption in the upload procedure at some point across the connection between you and the database.

It is advisable in this situation to check whether results have been successfully uploaded or not.

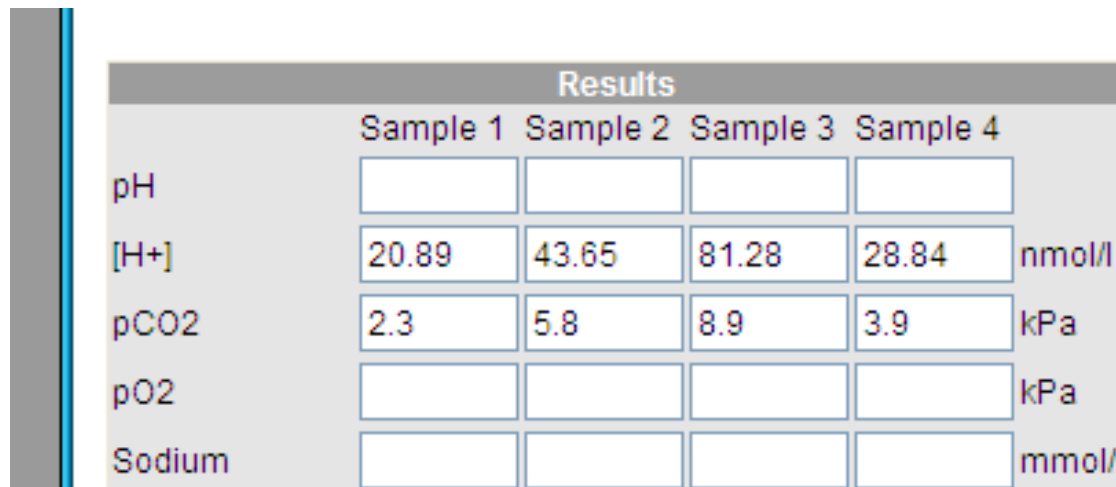
To do this, follow the steps for data entry as if you were entering the data set again. Data which has been successfully stored will display in the entry form.

## Entering Partial data sets

You can enter results for some analytes and return to result entry for this section at a later date to enter results for the remaining analytes or to edit previously entered results.

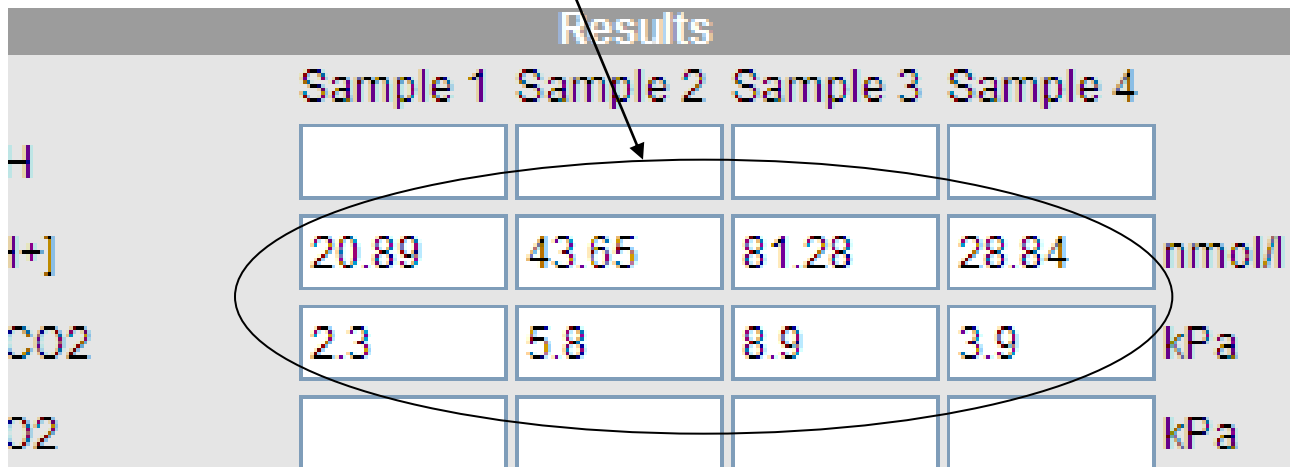
You may also enter partial sets for an analyte and return to complete the set later.

Results can be edited up until midnight on the closing date for a distribution



Results					
	Sample 1	Sample 2	Sample 3	Sample 4	
pH	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
[H+]	20.89	43.65	81.28	28.84	nmol/l
pCO2	2.3	5.8	8.9	3.9	kPa
pO2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	kPa
Sodium	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	mmol/l

Previously entered results appear as editable text on the result entry form.



The screenshot shows a table titled "Results" with four columns labeled "Sample 1", "Sample 2", "Sample 3", and "Sample 4". The table has four rows of data. The first row is empty. The second row contains the values 20.89, 43.65, 81.28, and 28.84, with the unit "nmol/l" to the right. The third row contains the values 2.3, 5.8, 8.9, and 3.9, with the unit "kPa" to the right. The fourth row is empty, with the unit "kPa" to the right. An arrow points from the text above to the cell containing "43.65". A circle is drawn around the second and third rows of the table.

	Sample 1	Sample 2	Sample 3	Sample 4	
H					
[+]	20.89	43.65	81.28	28.84	nmol/l
CO2	2.3	5.8	8.9	3.9	kPa
O2					kPa

Results for remaining cells can be entered as normal.

Once the return by date for a distribution has passed, results can no longer be entered on line by participants.

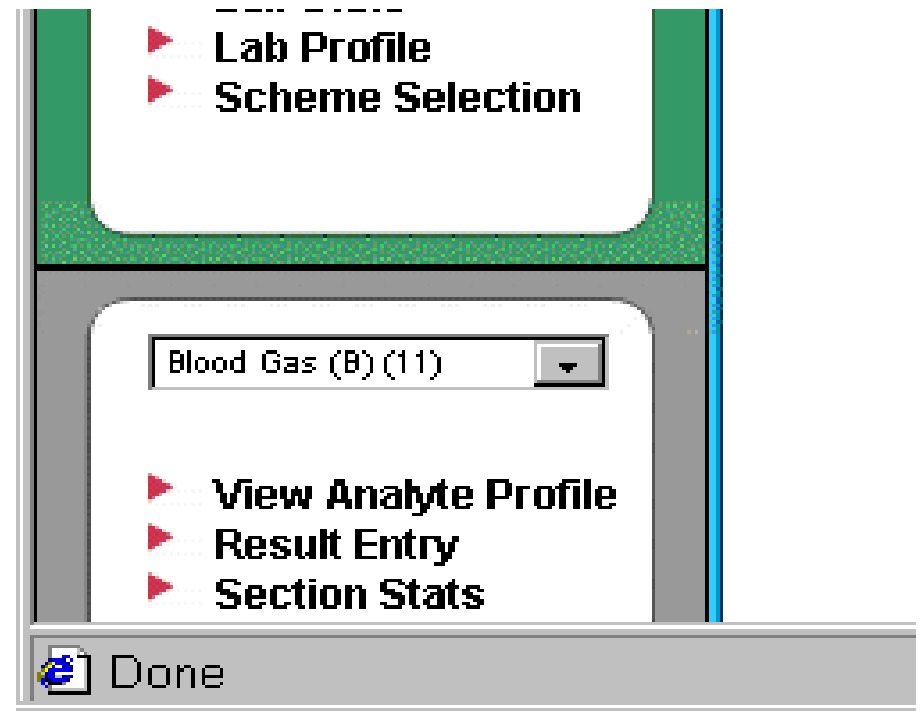
The distribution will no longer appear as an option in the result entry section.



# Entering & Editing Method & Instrument Information

First select the required section from the drop down list in the same way as for result entry

on the grey section menu, select option “View Analyte Profile” This will take you to the section’s main analyte profile selection page



A list of all currently available schemes will appear.

Next to each scheme in which this section is enrolled is an edit button.

Click on the edit button next to the scheme for which you wish to make changes


This will take you to the analyte profile page for that scheme

## View Analyte Profile

Select a scheme from the list below to view the analyte profile for th

Schemes	Orders
	2/04/2002 (Live [3])
Salicylate	
Lipid	<input type="button" value="Edit"/>
Bilirubin	<input type="button" value="Edit"/>
Mainline Chemistry	<input type="button" value="Edit"/>
Haematinics	
Cardiac Marker	
Blood Gas	
Cooximetry	
Endocrine	
Porphyrin	
Glycated Haemoglobin	
Pregnancy Testing	
General Urine Chemistry	<input type="button" value="Edit"/>
Ammonia	

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Blood Gas
Cooximetry
Endocrine
Porphyrin
Glycated Haemoglobin

*NB - if no edit button appears next to a scheme, this section is not enrolled for that scheme.*

*New Scheme enrolment can not carried out in this section. To view a list of your current scheme enrolment, select “Scheme Selection” from the green portion of the left hand menu block*

*Changes to scheme enrolment must be authorised by WEQAS before they will take effect. Confirmation in writing / email of new requirements including and order number is still required for scheme additions / deletions.*

*If in doubt, contact WEQAS*

The scheme analyte profile page includes a list of all analytes currently available in that scheme with a check box next to each one.

Analytes for which method/analyser details have already been entered for this section have a tick in the check box and an “Edit” button next to them.

## Analyte Profile

From here you can configure the analytes that the c

### Scheme: Lipid

Order reference: WEQAS Start Date: 2/04/2002 Sta

Analyte	Participate
Cholesterol	<input checked="" type="checkbox"/> Edit
Triglyceride	<input checked="" type="checkbox"/> Edit
HDL Cholesterol	<input checked="" type="checkbox"/> Edit
Apolipoprotein A1	<input type="checkbox"/>
Apolipoprotein B	<input type="checkbox"/>
LDL Cholesterol	<input checked="" type="checkbox"/> Edit

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## To edit existing methods

click on the edit button next to the analyte in question

## Analyte Profile

From here you can configure the analytes that the c

### Scheme: Lipid

Order reference: WEQAS Start Date: 2/04/2002 Sta

Analyte	Participate
Cholesterol	<input checked="" type="checkbox"/> <a href="#">Edit</a>
Triglyceride	<input checked="" type="checkbox"/> <a href="#">Edit</a>
HDL Cholesterol	<input checked="" type="checkbox"/> <a href="#">Edit</a>
Apolipoprotein A1	<input type="checkbox"/>
Apolipoprotein B	<input type="checkbox"/>
LDL Cholesterol	<input checked="" type="checkbox"/> <a href="#">Edit</a>

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You will be taken to a method questionnaire page for that analyte, showing the current instrument and method details.

### Method Questionnaire

The screenshot shows a dialog box titled "General Clinical Chemistry / Lipid". It contains the following fields and controls:

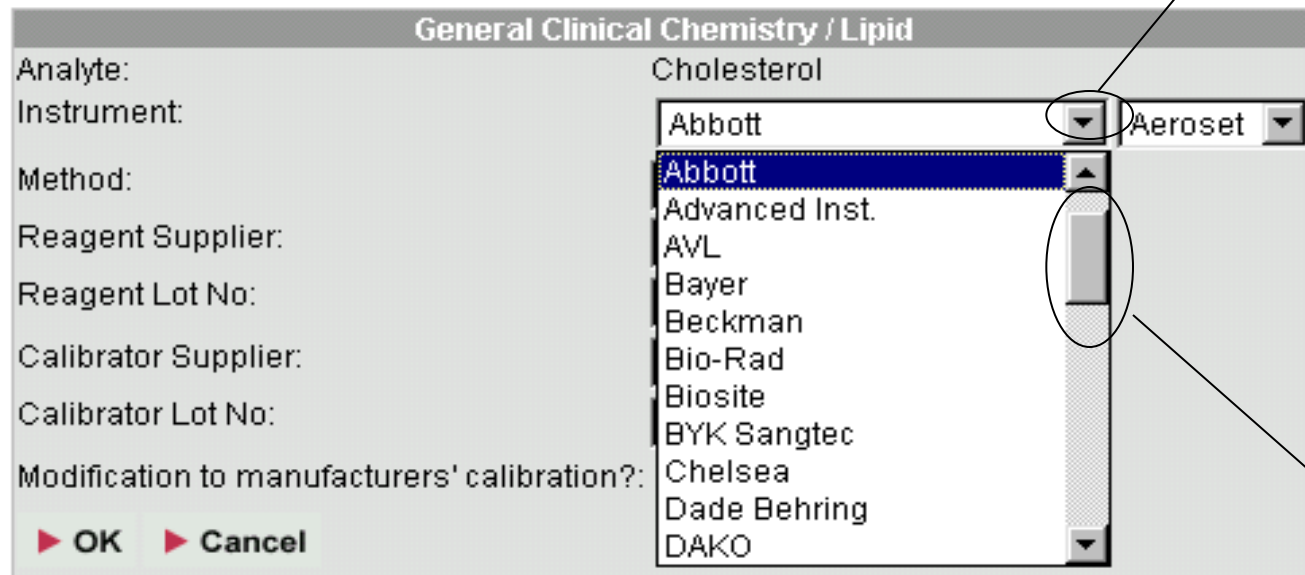
- Analyte: Cholesterol
- Instrument: Abbott (dropdown) and Aeroset (dropdown)
- Method: Cholesterol oxidase (dropdown)
- Reagent Supplier: Abbott (dropdown)
- Reagent Lot No: (empty text box)
- Calibrator Supplier: Abbott (dropdown)
- Calibrator Lot No: (empty text box)
- Modification to manufacturers' calibration?:
- Buttons: OK and Cancel

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*method questionnaire - analyte with existing methods*

To change the instrument, click on the down arrow next to the top box in the method questionnaire to display the list of available instrument manufacturers.

### Method Questionnaire



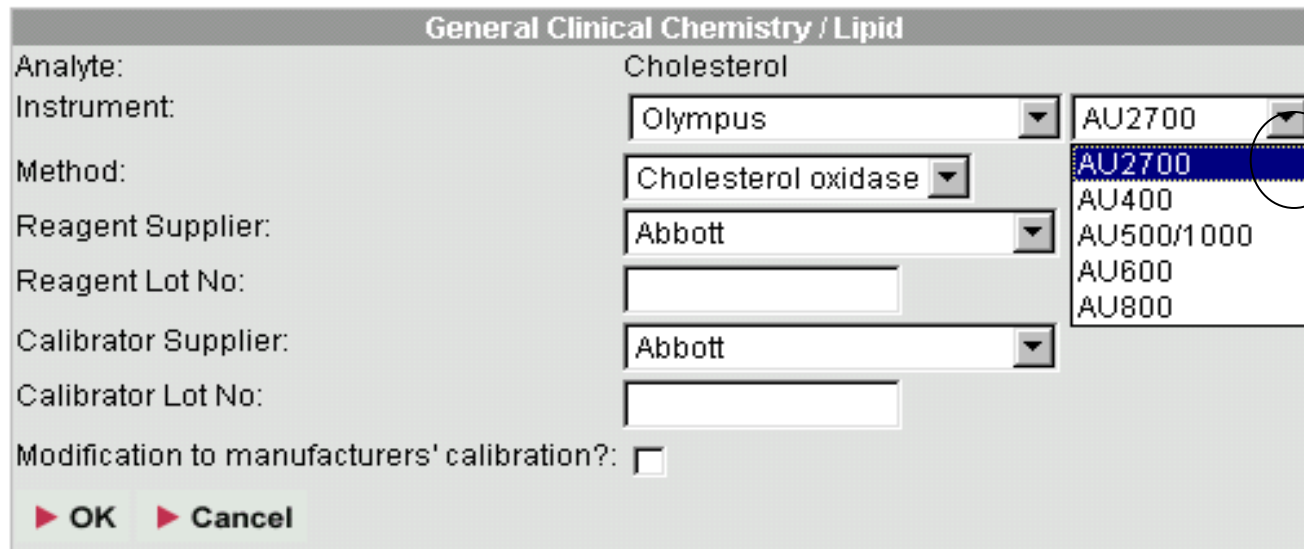
You can view more of the list by moving the scroll bar on the right of the list up and down.



Select the appropriate manufacturer by highlighting it with the cursor and clicking the left hand mouse button.

Once the manufacturer has been selected, a drop down list of this manufacturer's analysers appears to the right of the manufacturer list. Click on the down arrow on this list box to display the available instruments.

### Method Questionnaire



**General Clinical Chemistry / Lipid**

Analyte: Cholesterol

Instrument: Olympus ▼ AU2700 ▼

Method: Cholesterol oxidase ▼

Reagent Supplier: Abbott ▼

Reagent Lot No:

Calibrator Supplier: Abbott ▼

Calibrator Lot No:

Modification to manufacturers' calibration?:

▶ OK ▶ Cancel

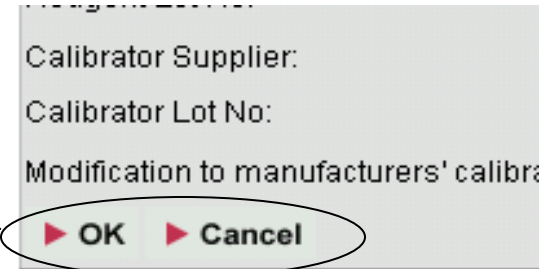
Select the correct analyser from the list by highlighting it with the cursor and clicking the left mouse button.

Continue through the form a box at a time until all relevant changes have been made.

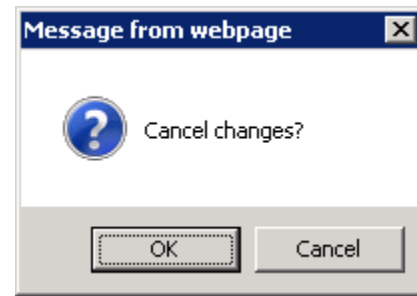
NB reagent and calibrator lot numbers are entered by inserting the cursor in to the corresponding text box and typing in the lot number.

If a modification to the manufacturer's calibration is used, tick the check box.

Once all the required changes are made, click on OK. The method and analyser details will be saved and you will be returned to the scheme analyte profile



You can start over or cancel the entry at any time by clicking on cancel. You will be prompted to confirm that you wish to cancel the method changes.



Clicking OK at this stage will cancel the changes and return you to the scheme analyte profile.

Clicking cancel will leave the method questionnaire for the analyte on screen so you can continue working with it.

**To add a new analyte to the range of analytes tested by the section**

Click in the empty check box next to the analyte in question

## Analyte Profile

From here you can configure the analytes that the c

**Scheme: Lipid**

Order reference: WEQAS Start Date: 2/04/2002 Sta

Analyte	Participate
Cholesterol	<input checked="" type="checkbox"/> <input type="button" value="Edit"/>
Triglyceride	<input checked="" type="checkbox"/> <input type="button" value="Edit"/>
HDL Cholesterol	<input checked="" type="checkbox"/> <input type="button" value="Edit"/>
Apolipoprotein AT	<input type="checkbox"/>
Apolipoprotein B	<input type="checkbox"/>
LDL Cholesterol	<input checked="" type="checkbox"/> <input type="button" value="Edit"/>

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You will be taken to a blank method questionnaire page for that analyte

## Method Questionnaire

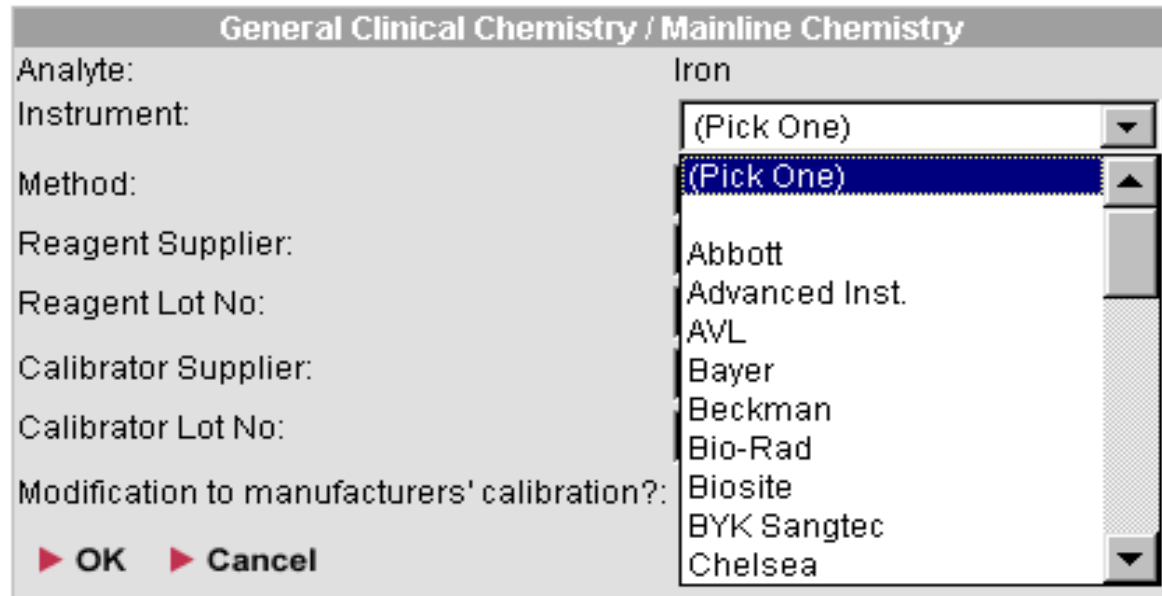
General Clinical Chemistry / Mainline Chemistry	
Analyte:	Iron
Instrument:	(Pick One) ▼
Method:	(Pick One) ▼
Reagent Supplier:	(Pick one) ▼
Reagent Lot No:	<input type="text"/>
Calibrator Supplier:	(Pick one) ▼
Calibrator Lot No:	<input type="text"/>
Modification to manufacturers' calibration?:	<input type="checkbox"/>
▶ OK ▶ Cancel	

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*method questionnaire - analyte not previously enrolled*

## Selecting method details for analytes not previously enrolled

First select the instrument being used for the analyte in question.



The screenshot shows a software window titled "General Clinical Chemistry / Mainline Chemistry". The window contains several fields for data entry:

- Analyte: Iron
- Instrument: (Pick One) [dropdown arrow]
- Method: (Pick One) [dropdown arrow]
- Reagent Supplier:
- Reagent Lot No:
- Calibrator Supplier:
- Calibrator Lot No:
- Modification to manufacturers' calibration?:

The dropdown menu for the Instrument field is open, displaying a list of manufacturers:

- (Pick One)
- (Pick One)
- Abbott
- Advanced Inst.
- AVL
- Bayer
- Beckman
- Bio-Rad
- Biosite
- BYK Sangtec
- Chelsea

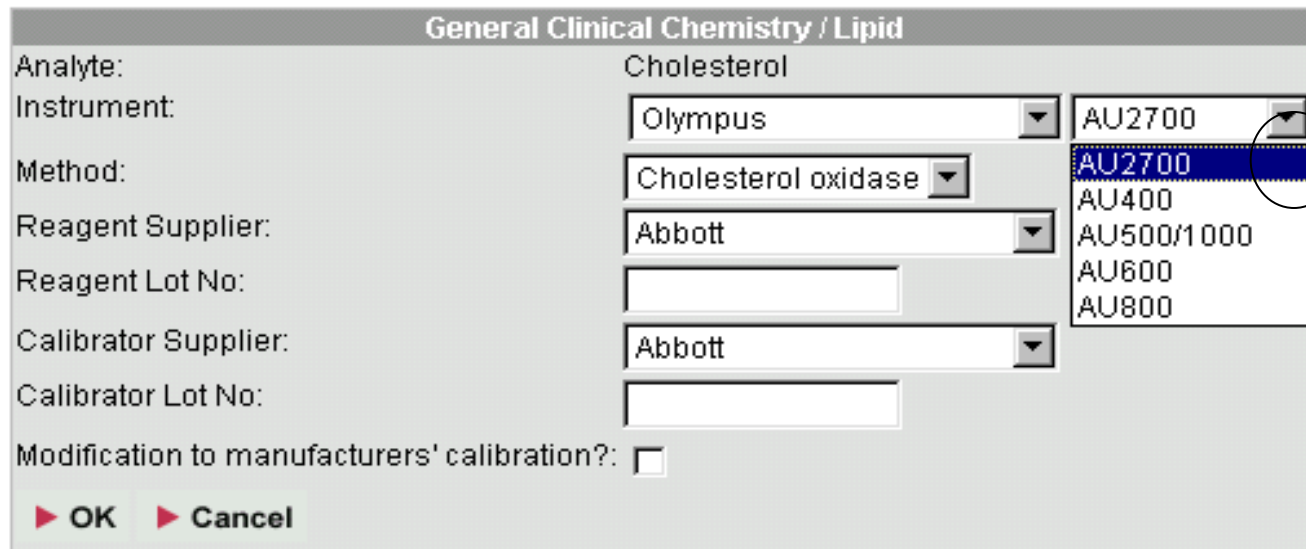
At the bottom of the window, there are two buttons: OK and Cancel.

To do this, click on the down arrow next to the top box in the method questionnaire to display the list of available instrument manufacturers.

Select the appropriate manufacturer by highlighting it with the cursor and clicking the left hand mouse button.

Once the manufacturer has been selected, a drop down list of this manufacturer's analysers appears to the right of the manufacturer list. Click on the down arrow on this list box to display the available instruments.

### Method Questionnaire



**General Clinical Chemistry / Lipid**

Analyte: Cholesterol

Instrument: Olympus ▼ AU2700 ▼

Method: Cholesterol oxidase ▼

Reagent Supplier: Abbott ▼

Reagent Lot No:

Calibrator Supplier: Abbott ▼

Calibrator Lot No:

Modification to manufacturers' calibration?:

**▶ OK ▶ Cancel**

The 'AU2700' option in the instrument list is highlighted in blue and circled in red.

Select the required instrument by highlighting it with the cursor and clicking the left mouse button.

Continue through the form a box at a time until all relevant information for the analyte has been entered.

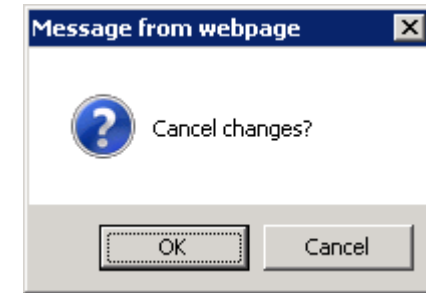
NB reagent and calibrator lot numbers are entered by inserting the cursor in to the corresponding text box and typing in the lot number.

If a modification to the manufacturer's calibration is used, tick the check box.



Once all the details are entered , click on OK.  
The method and analyser details will be saved  
and you will be returned to the scheme analyte  
profile

You can start over or cancel the entry at any  
time by clicking on cancel. You will be  
prompted to confirm that you wish to cancel  
the method changes.



Clicking OK will return you to the scheme analyte profile.

Clicking cancel will leave the method questionnaire for the analyte  
unchanged on screen

## To remove an analyte from the range of analytes tested by the section

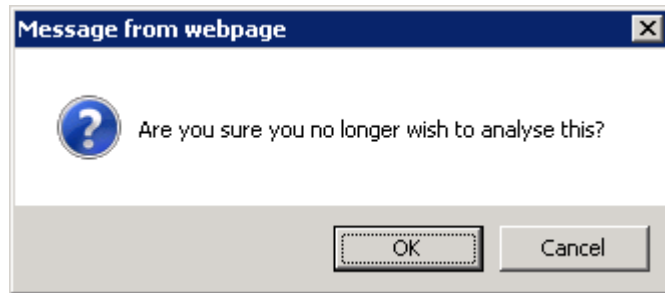
Click on the tick in the check box next to the analyte in question

From here you can configure the analytes that the cui

**Scheme: ED Tox**

Order reference: Add ph IGFBP-1 Start Date: 13/01/2

Analyte	Participate
Salicylate	<input checked="" type="checkbox"/> Edit
Paracetamol	<input checked="" type="checkbox"/> Edit
Ethanol	<input type="checkbox"/>



You will be prompted to confirm that you no longer wish to analyse the analyte.

- Click on OK to remove the analyte from your profile
- Click on Cancel to retain the analyte

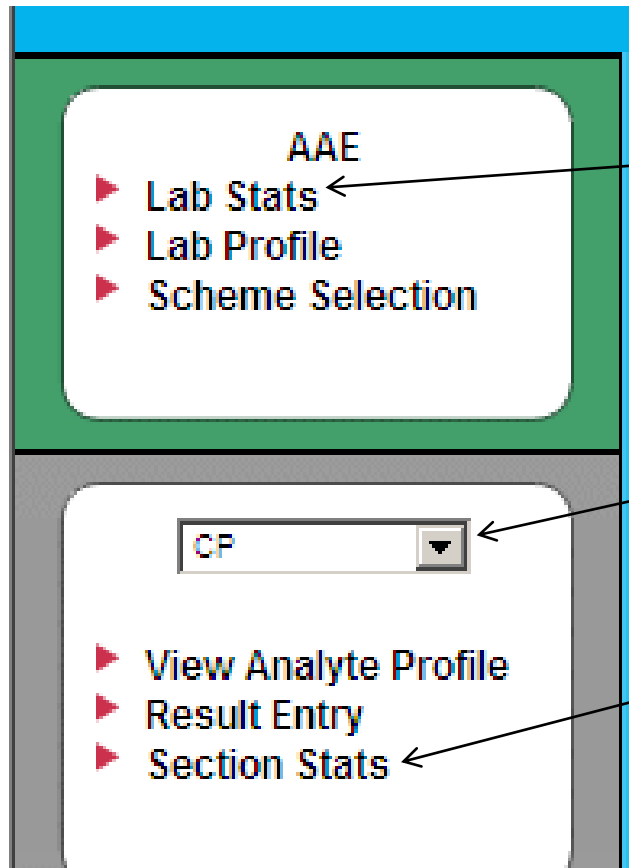
### Please Note:

If you wish to withdraw a section from a given scheme completely, Please Do Not just remove the method information for all analytes from the analyte profile.

You Must contact WEQAS in order to un-enrol the section from the scheme

# Accessing Reports and query information

A range of reports can be obtained either for the whole lab, combining results from all the sections / instruments under your lab code, or for a single section at a time



Click on > **Lab stats** for combined reports for all sections

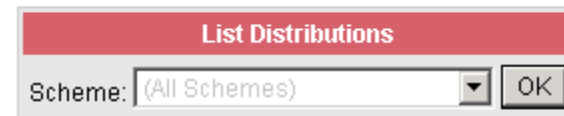
Select a section from the drop down in the grey area and then choose > **section stats** to view reports for the selected section only

In both cases, a drop down list will be displayed for you to choose the scheme of interest



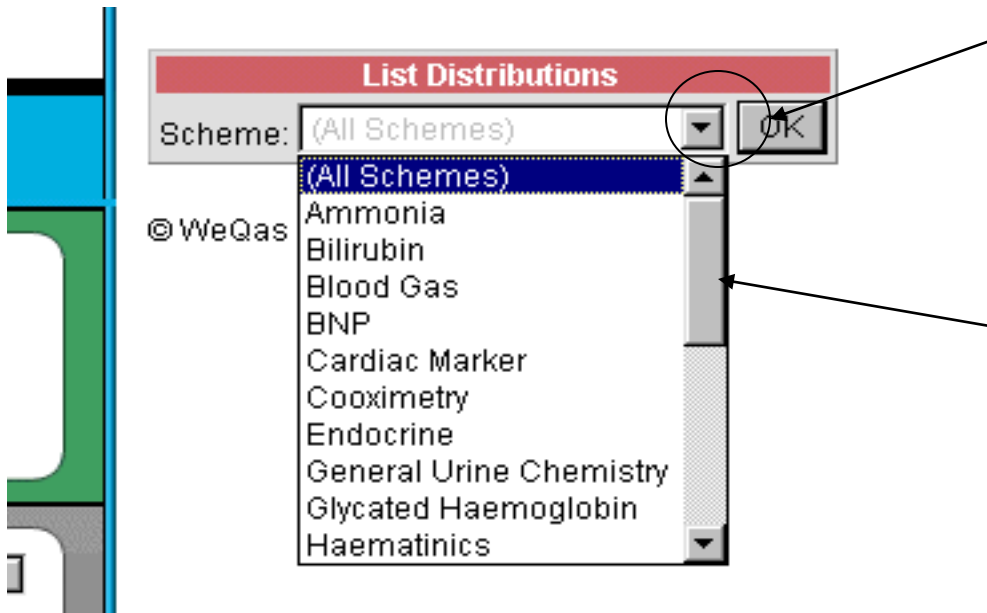
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You Must select a scheme before clicking on the OK button or you will receive an error message



A problem has occurred with the site.

Click on the down arrow next to “(All Schemes)” to display the list of available Schemes.



You can view more of the list by moving the scroll bar on the right of the list up and down.

Note: This list gives all WEQAS schemes - not just the schemes for which your lab is enrolled.



Click on the scheme you require to highlight it in blue and then click on “OK”. This will take you to a list of distributions for this scheme.

Make sure that the scheme has been selected *before* clicking on OK.



A list of the 10 most recent distributions for which reports are available for the selected scheme will be displayed.

**List Distributions**  
 Scheme:

To view stats select a distribution from the list below.

*Please note*, during calculation runs for a distribution, reports are temporarily unavailable. If the distribution you are interested in does not appear on the list below, please try again later.

Distributions											
	Code	Distribution Date	Return Date	Standard Report			Simplified Report				
				Summary Report	Full Report	Request PDF	Summary Report	Full Report	Request PDF	Raw Data	Instrument Report
<b>Ammonia</b>											
	Am106T	Mon 22/08/11	Tue 06/09/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM104	Mon 20/06/11	Mon 04/07/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM102	Mon 18/04/11	Tue 03/05/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM101	Mon 28/03/11	Mon 11/04/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM98	Tue 04/01/11	Tue 18/01/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM92	Mon 28/06/10	Mon 12/07/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM91	Tue 25/05/10	Wed 09/06/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM90	Tue 20/04/10	Wed 05/05/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM89	Mon 29/03/10	Mon 12/04/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
	AM88	Mon 22/02/10	Mon 08/03/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available			<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>

Page 1 of 5. 1 2 3 4 5

AM98	Tue 04/01/11	Tue 18/01/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available
AM92	Mon 28/06/10	Mon 12/07/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available
AM91	Tue 25/05/10	Wed 09/06/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available
AM90	Tue 20/04/10	Wed 05/05/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available
AM89	Mon 29/03/10	Mon 12/04/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available
AM88	Mon 22/02/10	Mon 08/03/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available

Page 1 of 5. [1](#) [2](#) [3](#) [4](#) [5](#)

## End of Batch Reports

Scheme	From	To	Created	
Ammonia	Am49 (06/11/2006)	AM56 (05/06/2007)	22/04/2009	<a href="#">Report</a>

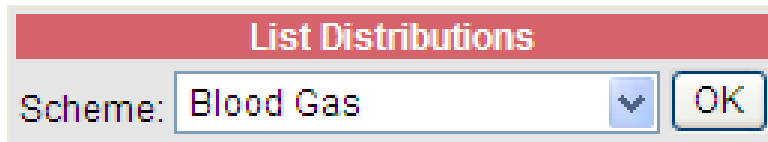
Any End of Batch reports currently available for the selected scheme will be indicated below this list.

AM104	Mon 20/06/11	Mon 04/07/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>
AM102	Mon 18/04/11	Tue 03/05/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>
AM101	Mon 28/03/11	Mon 11/04/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>
AM98	Tue 04/01/11	Tue 18/01/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available		
AM92	Mon 28/06/10	Mon 12/07/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available		
AM91	Tue 25/05/10	Wed 09/06/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available		
AM90	Tue 20/04/10	Wed 05/05/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available		
AM89	Mon 29/03/10	Mon 12/04/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available		
AM88	Mon 22/02/10	Mon 08/03/10	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available		

Page 1 of 6. [1](#) [2](#) [3](#) [4](#) [5](#)

To access reports for earlier distributions, click on the links for other pages.

NB: if you select a scheme in which you are not enrolled by mistake, you will see a notification message in place of a list of distributions



List Distributions

Scheme: Blood Gas

OK

**There are no reports currently available for this scheme.**

Possible reasons for this include:

- Your lab is not registered for the selected scheme
- Statistical calculations are currently being run for the distributions relevant to your lab

Please check scheme selected or try back later

## For each distribution there are a range of report types available

Standard Report: Provides performance scores and in depth statistical analysis to aid in trouble shooting

Simplified Report: Provides basic statistical data and graphical performance representations with Westgard rules based alerting

Raw Data: results as returned by your lab for this distribution which can be downloaded as a text file (*available through lab stats only*)

Distributions											
Code	Distribution Date	Return Date	Standard Report				Simplified Report				
			Summary Report	Full Report	Summary Report	Full Report					
<b>Ammonia</b>											
Am106T	Mon 22/08/11	Tue 06/09/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available				<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>
AM104	Mon 20/06/11	Mon 04/07/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>	
AM102	Mon 18/04/11	Tue 03/05/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>	
AM101	Mon 28/03/11	Mon 11/04/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>	
AM98	Tue 04/01/11	Tue 18/01/11	<a href="#">View on screen</a>	<a href="#">View on screen</a>	<a href="#">Request PDF</a>	Not available				<a href="#">Raw Data</a>	<a href="#">Instrument Report</a>

Standard and simplified reports both offer a summary and Full report option

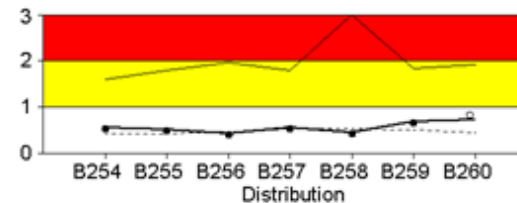
Instrument report: summary reports of analyte means and sds for all available instruments in that distribution

# Standard Report / Simplified Report - Summary

Available for on screen display only, this report lists the SDI scores for all analytes for all sections / Instruments registered under your lab code for that distribution

Lab: AE . Scheme: Bilirubin. Distribution Code: B260.  
Distribution Date: 3/08/15. Final. Report Issued: 24/08/15

This Distribution	
Overall Lab SDI:	0.72
Median All Laboratory:	0.43
97.5th centile:	1.91



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

..... Median —●— Lab SDI ——— 97.5th

## Section SDI scores for this distribution

Section	Architect ci 16200	Architect T2	Architect T3	Main Theatres	SCBU (12)
Overall	0.82	1.15	0.77	0.57	0.16
Total Bilirubin	0.94	1.15	0.77	0.57	0.16
Conjugated Bilirubin	0.70	N/A	N/A	N/A	N/A

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 Summary reports are available to download via the 'Lab Stats' or 'Section Stats' menu. If you don't currently have interactive access, please contact WEQAS for a registration form on 02920 314750.

A user guide "How to interpret your report" is available to download as a PDF file from the resources area of our website at <http://www.weqas.com/resourcelibrary>

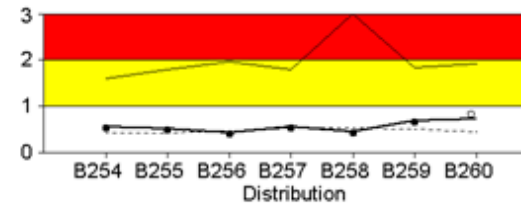
\*\*\*\*\* Please note \*\*\*\*\*

# Standard Report / Simplified Report - Summary

This report is useful for quickly identifying analytes for which there may be a problem. This is a good first view report, since it allows you to identify problem analytes as soon as data analysis / validation is complete, prior to hard copy reports / PDF reports being dispatched by WEQAS.

Lab: AE . Scheme: Bilirubin. Distribution Code: B260.  
Distribution Date: 3/08/15. Final Report Issued: 24/08/15

This Distribution	
Overall Lab SDI:	0.72
Median All Laboratory:	0.43
97.5th centile:	1.91



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

## Section SDI scores for this distribution

Section	Architect ci 16200	Architect T2	Architect T3	Main Theatres	SCBU (12)
Overall	0.82	1.15	0.77	0.57	0.16
Total Bilirubin	0.94	1.15	0.77	0.57	0.16
Conjugated Bilirubin	0.70	N/A	N/A	N/A	N/A

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 Summary reports are available to download via the 'Lab Stats' or 'Section Stats' menu. If you don't currently have interactive access, please contact WEQAS for a registration form on 02920 314750.

A user guide "How to interpret your report" is available to download as a PDF file from the resources area of our website at <http://www.weqas.com/resourcelibrary>

\*\*\*\*\* Please note \*\*\*\*\*

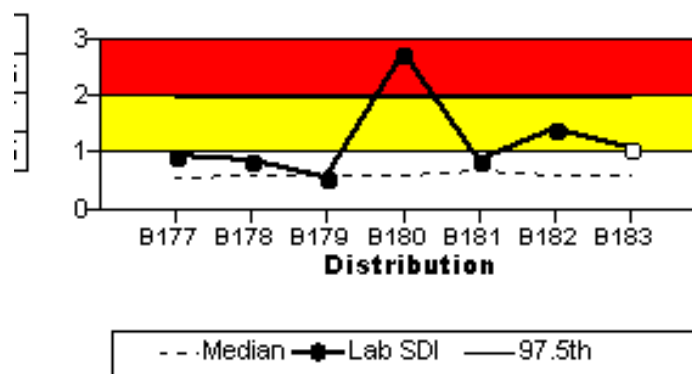
The SDI plot on the summary reports represent your lab's average overall SDI score for the current distribution represented by a white 'o' and the previous 6 distributions, represented by black 'o's

Coloured bands on the SDI plot represent levels of performance.

- Red indicates poor
- Yellow indicates acceptable
- White indicates Good

*NB: As this is an average of the individual analyte scores, poor performance in an individual analyte may be masked by good performance in other analytes*

**B183. Sent out on: 2/03/09.**





The SDI score table shows the individual analyte scores for all sections registered.

This table is also colour coded

- Red indicates poor
- Yellow indicates acceptable
- White indicates Good

### Section SDI scores for this distribution

Section	Fusion 1	Fusion 2	NEONATAL (7)
<b>Overall</b>	<b>1.36</b>	<b>0.97</b>	<b>0.63</b>
Total Bilirubin	**2.20	1.50	0.63
Conjugated Bilirubin	0.51	0.45	N/A

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

P  
P  
a  
v  
  
P  
a

This summary report will be generated more quickly than the full standard or simplified report.

To access more detailed information on a particular analyte, click on the SDI scores shown in blue underline text.

You will be taken to the analyte report page for that analyte/section combination

#### Section SDI scores for this distribution

Section	Fusion 1	Fusion 2	NEONATAL (7)
Overall	1.36	0.97	0.63
Total Bilirubin	<u>2.20</u>	<u>1.50</u>	<u>0.63</u>
Conjugated Bilirubin	<u>0.51</u>	<u>0.45</u>	N/A

# Quantitative Analyte report page

-

## From Standard Report

Lab Code: AAE - Section: 1200 - Instrument: Advia Chemistry

Scheme: Bilirubin. Distribution Code: B279.					
Distribution Date: 6/03/17. Final. Report Issued: 31/03/17					
Total Bilirubin (µmol/L)	1	2	3	4	Analyte SDI
Reported Result	47.2	238.9	87.1	201.3	
Method Corrected Result	47.20	238.90	87.10	201.30	
Vanadate Oxidation	Mean	50.38	248.38	89.67	207.39
	SD	2.54	6.89	3.71	4.45
	Number	20	20	20	20
	Uncert.	0.710	1.927	1.038	1.245
Advia Chemistry	Mean	50.38	248.38	89.67	207.39
	SD	2.54	6.89	3.71	4.45
	Number	20	20	20	20
	Uncert.	0.710	1.927	1.038	1.245
Overall	Mean	51.59	242.84	90.11	203.92
	SD	5.54	18.86	8.12	15.83
	Number	328	325	329	326
	Uncert.	0.382	1.308	0.580	1.082
Reference Values					
Ref. Value Uncertainty					
Non-scoring Reference Values					
WeGas SD		4.03	13.25	5.89	11.37
SDI		-0.78	-0.72	-0.44	-0.53

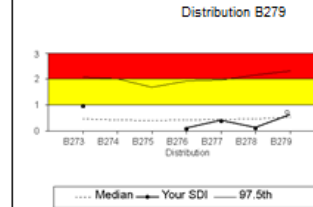
Please note: Linear regression uses CF corrected data.

### Total Error

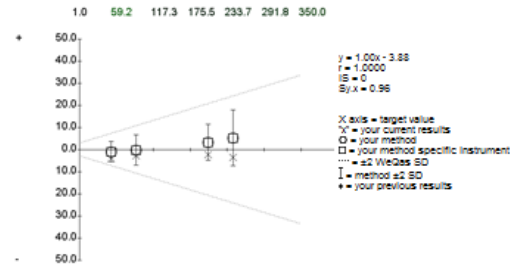
SDI is a measurement of your total error and will include both inaccuracy and imprecision.

This Distribution B279  
Your average analyte SDI for the 4 samples is 0.62

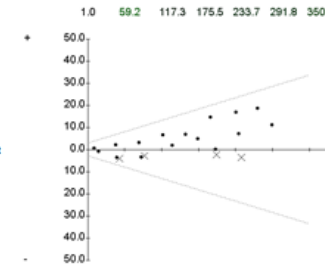
### Previous SDI



### This Distribution B279



### Previous Distributions



### Precision

This Distribution B279	Previous Distributions	B278	B277	B276	B275	B274	B273
Sy,x = 0.98 µmol/L	Sy,x	1.44	2.89	0.58			3.02
IS = 0	IS	0	3	0	0	0	3

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

### Precision Key

IS score	Interpretation
0 to 10	Good
11 to 150	Acceptable to Warning level
> 150	Unacceptable (including Curvilinear Data)

### Accuracy

This Distribution B279	Previous Distributions	B278	B277	B276	B275	B274	B273
Systematic proportional error (calibration) 0.26%	Proportional (%)	4.82	7.31	9.19			5.43
Systematic constant error (blank) - 3.88 µmol/L	Constant (µmol/L)	-2.80	-0.75	-3.75	0.00	0.00	-7.73

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.

Lab Code: ABM - Section: GHB - Instrument: Quotest

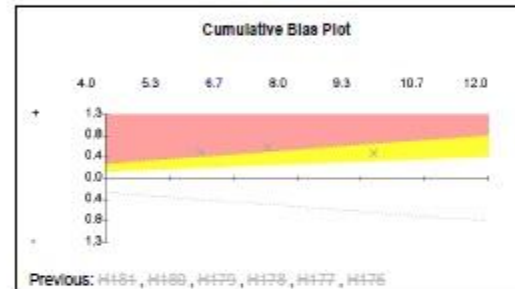
Scheme: Glycated Haemoglobin. Distribution Code: H182. Distribution Date: 14/06/11. Finalised. Report issued: 6/07/11			
HbA1c (%Ghb)	Sample 1	Sample 2	Sample 3
Reported Result	6.5	10.1	8.0
Overall Mean	6.17	9.68	7.50
Method Mean: DCCT corrected	5.99	9.60	7.40
Instrument Mean: Quotest	6.50	10.10	8.00
Your results are compared against	5.99	9.60	7.40

Good
Acceptable
Unacceptable Discuss with QC officer

# Quantitative Analyte Report page

-

# From simplified report



Cumulative Submitted results

	H176	H177	H178	H179	H180	H181	H182
Sample 1	7.0	?	8.6	8.4	7.9	?	6.5
Sample 2	9.1	?	10.0	7.4	7.2	?	10.1
Sample 3	8.4	N/A	6.1	N/A	9.6	N/A	8.0

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

**⚠ Performance Alert**

At least 2 samples in current/prior distribution with poor score - |SDI| > 2

Consistent significant bias in one direction

Your results show a consistent bias over an extended period. Please discuss your results with your EQA Officer

## From standard report

Lab Code: AAE - Section: 1200 - Instrument: Advia Chemistry

Scheme: Lipid. Distribution Code: L346.

Distribution Date: 26/09/16. Final. Report Issued: 17/

<b>Cholesterol (mmol/l)</b>		1	2	3
Reported Result		5.64	4.62	3.79
Method Corrected Result		5.640	4.620	3.790
1	Cholesterol oxidase	Mean 5.637	4.563	3.751
		SD 0.137	0.102	0.088
		Number 189	188	187
		Uncert. 0.0125	0.0093	0.0080
2	Advia Chemistry	Mean 5.531	4.504	3.701
		SD 0.187	0.121	0.085
		Number 25	25	25
		Uncert. 0.0467	0.0302	0.0213
Overall		Mean 5.635	4.563	3.750
		SD 0.143	0.102	0.088
		Number 195	194	193
		Uncert. 0.0128	0.0091	0.0079
Reference Values CDC		5.593	4.490	3.674
Ref. Value Uncertainty		0.0100	0.0200	0.0100
Non-scoring Reference Values		5.570	4.490	3.650

You can drill down further by clicking on:

1. The link for your method (to access data for all participants using the same method as you, regardless of instrument)

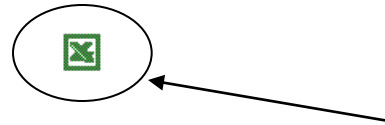
## From simplified report

Scheme: Ammonia. Distribution Code: AM104.

Distribution Date: 20/06/11. Re-issued. Report Issued: 14/0

<b>Ammonia (umol/l)</b>		Sample 1	Sample
Reported Result		134.9	478.
Overall Mean		136.17	507.3
1	Method Mean: GLDH	135.12	505.3
2	Instrument Mean: Advia 1200/1650/1800/2400	125.71	471.7
Your results are compared against		135.12	505.3

2. the link for your instrument (to access data for people using the same method and instrument as you)



**Reported Results for all sections with Instrument Means and SDs**

Distribution: L346  
 Distribution Date: 26 Sep, 2016  
 Analyte: Cholesterol (mmol/l)  
 Method: Cholesterol oxidase  
 Instrument: Advia Chemistry

Right click on the excel symbol and choose “save target as” to save this data to an excel file.

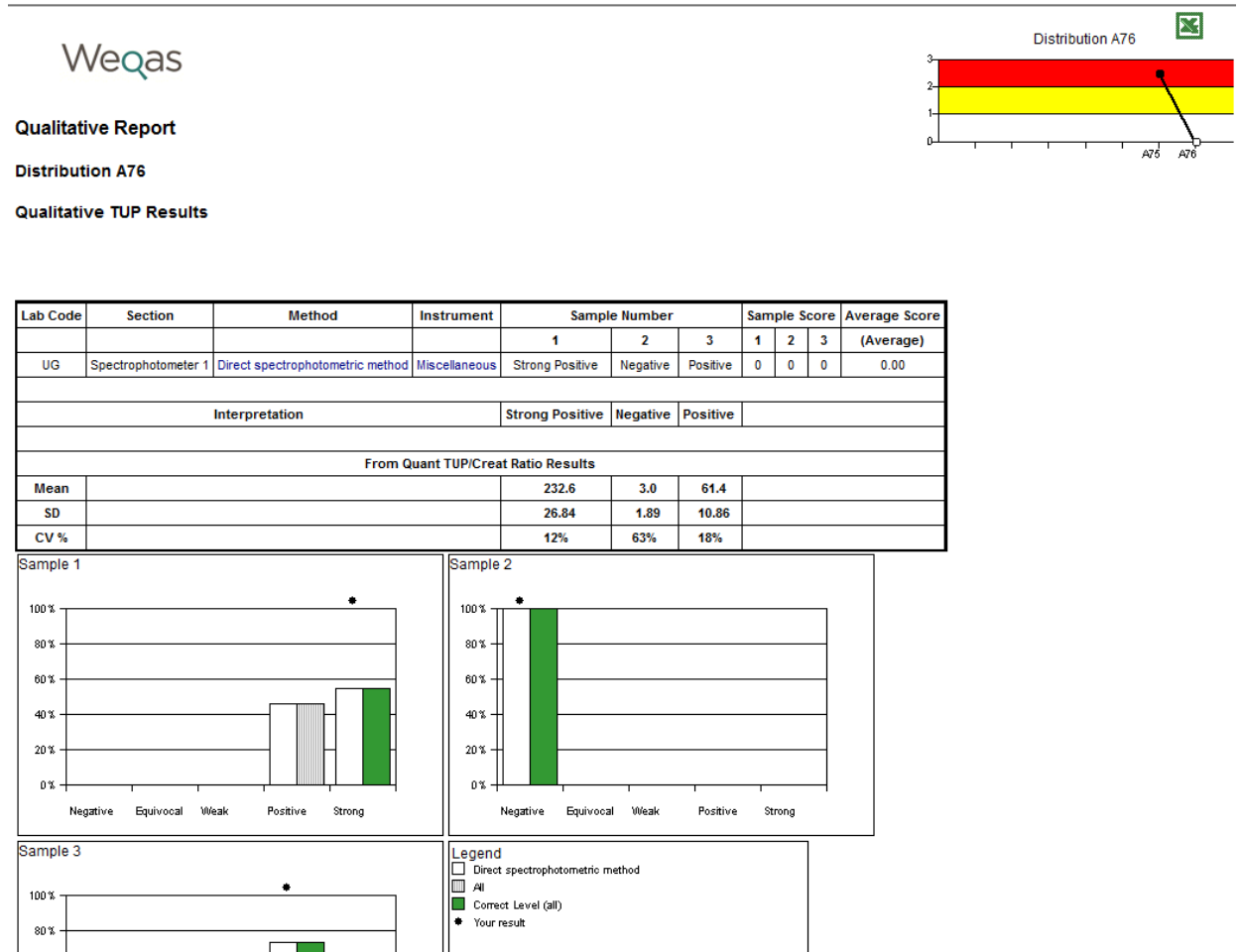
You will than be able to manipulate the data, e.g. sort it, to investigate trends / patterns

Distribution Code : L346 Sent on: 26/09/16					
Cholesterol (mmol/l)	1	2	3	4	
AAE	5.64	4.62	3.79	4.09	
BY	5.30	4.30	3.50	3.80	
BY	5.40	4.50	3.70	3.90	
DB	5.50	4.50	3.70	3.90	
DB	5.60	4.50	3.70	4.00	
DR	5.43	4.46	3.67	3.96	
EQ	5.30	4.40	3.60	3.90	
EQ	5.60	4.60	3.70	4.10	
FH	5.70	4.70	3.80	4.20	
FH	5.50	4.50	3.70	4.00	
FH	5.50	4.50	3.70	4.10	
GL	5.50	4.50	3.70	3.90	
GL	5.30	4.30	3.60	4.00	
GL	5.40	4.40	3.60	3.90	
IE	5.50	4.60	3.70	4.00	
IE	5.70	4.60	3.80	4.10	
JB	5.60	4.50	3.70	4.00	
JB	5.50	4.40	3.70	4.00	
KH	5.80	4.40	3.70	4.00	
KH	5.60	4.60	3.80	4.10	
KJ	5.70	4.60	3.80	4.10	
KJ	5.80	4.60	3.80	4.10	
NW	5.30	4.40	3.60	3.90	
NW	5.30	4.40	3.60	3.90	
SS	5.80	4.70	3.80	4.20	
Overall	Mean	5.635	4.563	3.750	4.053

Data for all Advia Chemistry users using method “Cholesterol Oxidase” for distribution L346

# Qualitative Analyte report page

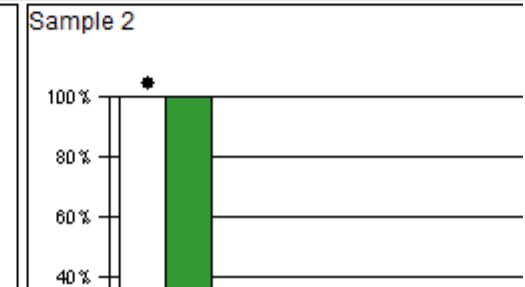
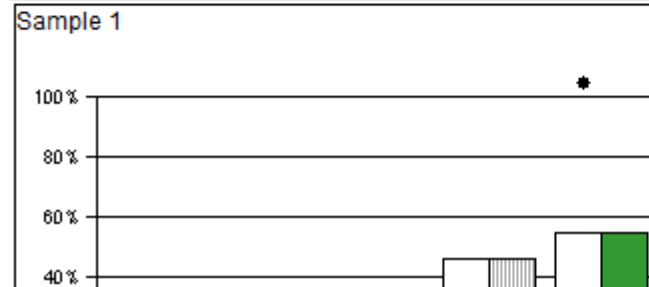
-  
From standard  
reports



### Qualitative TUP Results

You can drill down further by clicking on the Method link to review all the responses by labs using the same method as you

Lab Code	Section	Method	Instrument	Sample Number		
				1	2	3
UG	Spectrophotometer 1	<a href="#">Direct spectrophotometric method</a>	Miscellaneous	Strong Positive	Negative	Positive
Interpretation				Strong Positive	Negative	Positive
From Quant TUP/Creat Ratio Results						
Mean				232.6	3.0	61.4
SD				26.84	1.89	10.86
CV %				12%	63%	18%





# Qualitative Method Group Report

## Qualitative Report

### Distribution A76

### Qualitative TUP Results

Method="Direct spectrophotometric method" [Show all methods](#)

Lab Code	Section	Instrument	Sample Number			Sample Score			Average Score
			1	2	3	1	2	3	(Average)
AU	Porphyrin (5)	Miscellaneous							
BO	Porphyrin (6)	Miscellaneous	Strong Positive	Negative	Weak Positive	0	0	0	0.00
BQ	Porphyrin (10)	Miscellaneous	Positive	Negative	Positive	0	0	0	0.00
BR	Porphyrin (4)	Miscellaneous							
CC	Porphyrin (5)	Miscellaneous							
DE	QEHB	Miscellaneous	Positive	Negative	Positive	0	0	0	0.00
EC	Porphyrin (5)	Miscellaneous	Positive	Negative	Positive	0	0	0	0.00
EG	Porphyrin (7)	Miscellaneous	Positive	Negative	Positive	0	0	0	0.00
EY	Porphyrin (7)	Miscellaneous							
FF	Porphyrin (5)	Miscellaneous							
JK	MANUAL LAB	Miscellaneous	Positive	Negative	Positive	0	0	0	0.00
JM	Porphyrin	Miscellaneous	Strong Positive	Negative	Weak Positive	0	0	0	0.00
JO	Porphyrin (2)	Miscellaneous	Strong Positive	Negative	Positive	0	0	0	0.00
KK	Manual	Miscellaneous	Strong Positive	Negative	Weak Positive	0	0	0	0.00
UG	Spectrophotometer 1	Miscellaneous	Strong Positive	Negative	Positive	0	0	0	0.00
UG	Spectrophotometer 2	Miscellaneous	Strong Positive	Negative	Positive	0	0	0	0.00
<b>Interpretation</b>			<b>Strong Positive</b>	<b>Negative</b>	<b>Positive</b>				
<b>From Quant TUP/Creat Ratio Results</b>									
<b>Mean</b>			<b>232.6</b>	<b>3.0</b>	<b>61.4</b>				
<b>SD</b>			<b>26.84</b>	<b>1.89</b>	<b>10.86</b>				
<b>CV %</b>			<b>12%</b>	<b>63%</b>	<b>18%</b>				

## Standard Report / Simplified Report – Full report

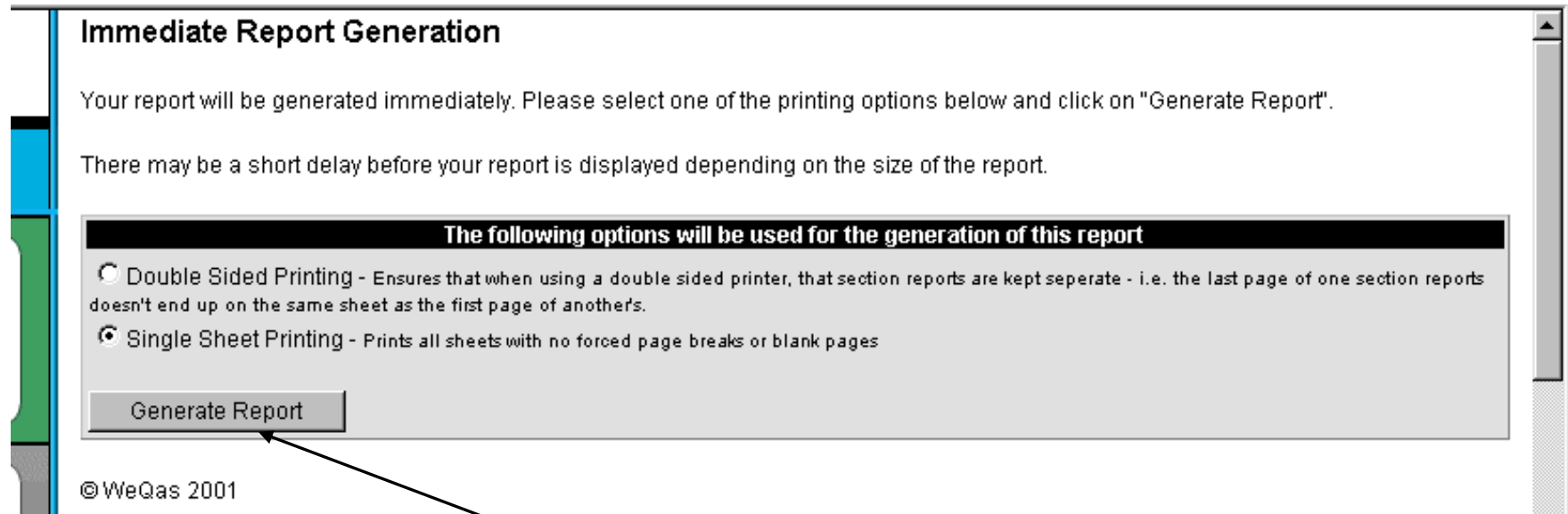
These reports combine the summary report and a detailed report for each analyte reported for all sections under your lab code. The style of the analyte report pages obtained will depend on whether the standard or simplified version is selected

Please note, the code for individual reports is not held on the server. It has to be generated from the stored data when a request is made. This means that there will be a delay before the report is displayed. We therefore recommend the use of the “request PDF” option for all reports comprising more than 10 analyte report pages.

These reports can be viewed in the web browser using the “View on screen” option, but this version is not optimised for printing. If you wish to print a hard copy report to retain for your records, WEQAS recommends using the “Request PDF” version and printing from your PDF viewer. The PDF version will retain page layout and colour, which can not be guaranteed when printing HTML version from a browser.

## Full report – View on screen

You will be given the choice of having the report formatted for Double sided printing, which adds extra blank spacer pages to keep sections on separate sheets of paper, or for single side printing, which omits these spacer pages.



**Immediate Report Generation**

Your report will be generated immediately. Please select one of the printing options below and click on "Generate Report".

There may be a short delay before your report is displayed depending on the size of the report.

**The following options will be used for the generation of this report**

- Double Sided Printing - Ensures that when using a double sided printer, that section reports are kept separate - i.e. the last page of one section reports doesn't end up on the same sheet as the first page of another's.
- Single Sheet Printing - Prints all sheets with no forced page breaks or blank pages

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Click on the “Generate Report” button to access the report.

# Full report – Request PDF

Clicking on “Request PDF” will take you to a screen to confirm your email and formatting requirements

## PDF Report Request

The PDF report will be emailed to **wendy@weqas.com**.

Click on Continue to proceed with PDF report generation. Click Cancel to go back.

If the email address above is incorrect, please [contact WeQas](#) and we'll update our records.

- Double Sided Printing - Ensures that when using a double sided printer, that section reports are kept separate - i.e. the last page of one section's report doesn't end up on the same sheet as the first page of another's.
- Single Sheet Printing - Prints all sheets with no forced page breaks or blank pages

Cancel

Continue

Click on Continue to submit the report request to the server

The email address quoted here is the email address registered for the username which you used to log in to the system.

For security & confidentiality reasons, it is not possible to change the email address to which the report is sent at this stage.

It is therefore important to keep WEQAS informed of any changes of email addresses. Again, for security reasons, changes of email address should be reported to WEQAS on a signed web amendment form.

You will receive a confirmation that the report request has been received which includes the email address that the report will be sent to on completion.

### **PDF Report Request**

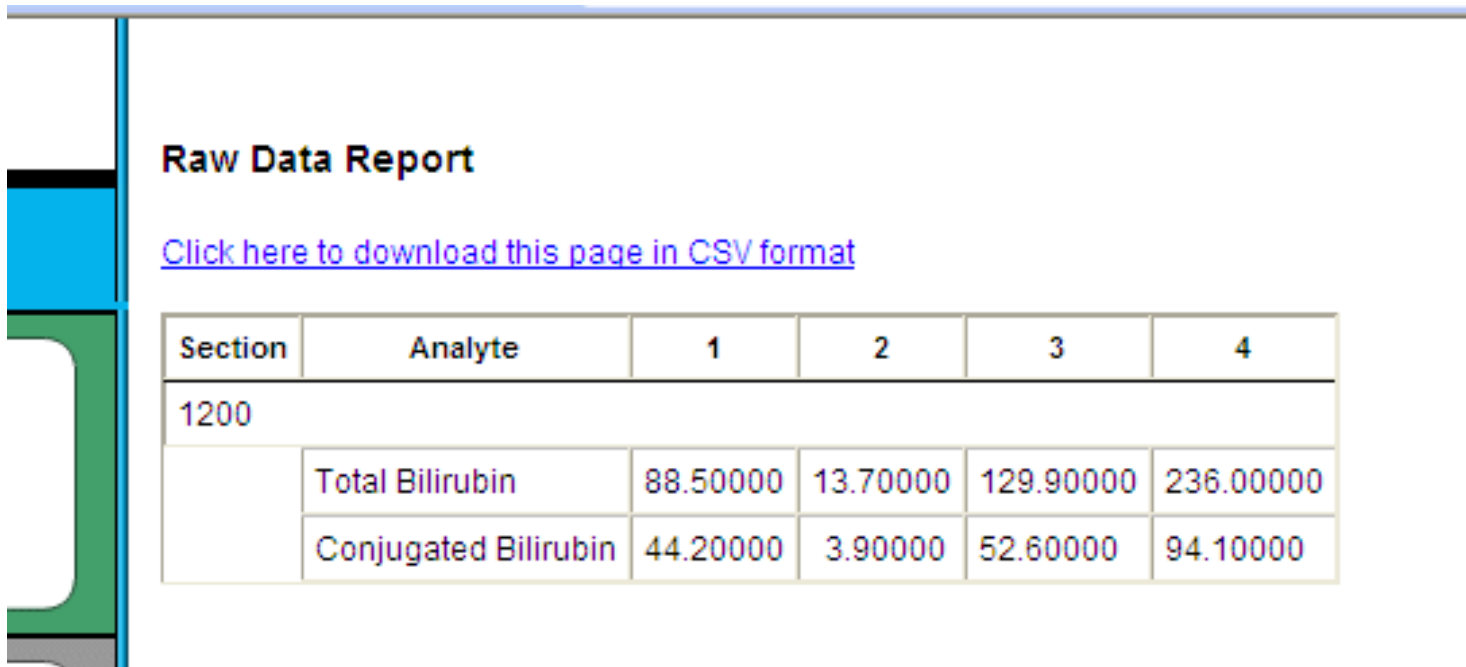
#### **Report Scheduler**

Your request has been queued. Once your reports have been generated they will be emailed to [wendy@weqas.com](mailto:wendy@weqas.com)

Your PDF Report request has been received and will be processed shortly. The report will be emailed to [wendy@weqas.com](mailto:wendy@weqas.com) when ready.

# Raw Data

This displays the results returned for this distribution, which can be downloaded either in excel (using the icon in the top right corner) or CSV format (following the link)



**Raw Data Report**

[Click here to download this page in CSV format](#)

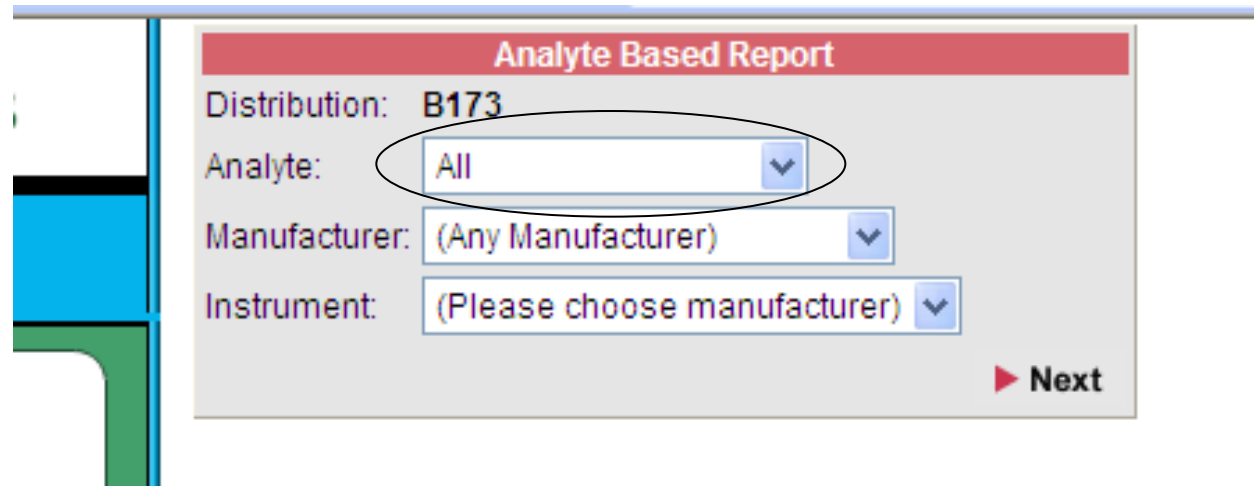
Section	Analyte	1	2	3	4
1200	Total Bilirubin	88.50000	13.70000	129.90000	236.00000
	Conjugated Bilirubin	44.20000	3.90000	52.60000	94.10000

# Instrument report

This allows you to access summary data (means, sds, uncertainty and number of results) for all instruments registered for the distribution, broken down by method

Instrument reports are available for all schemes in which you are registered

You can choose to view data for all analytes together, or one analyte at a time



The screenshot shows a web interface titled "Analyte Based Report". It features four filter fields: "Distribution: B173", "Analyte: All", "Manufacturer: (Any Manufacturer)", and "Instrument: (Please choose manufacturer)". The "Analyte" dropdown menu is circled in red. A red "Next" button is located in the bottom right corner of the form area.



You can view data for all available manufacturers

OR

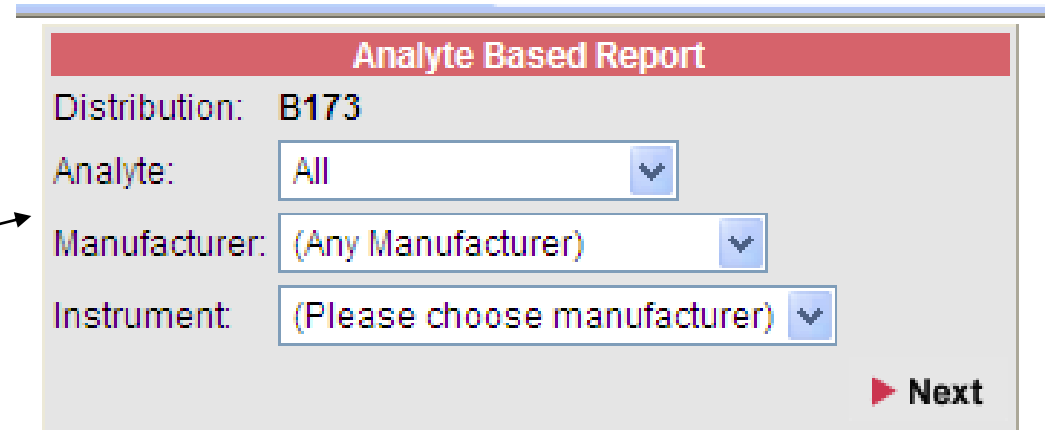
You can focus on a single manufacturer

Then

See data for all their instruments

OR

Home in on a single instrument



Analyte Based Report

Distribution: **B173**

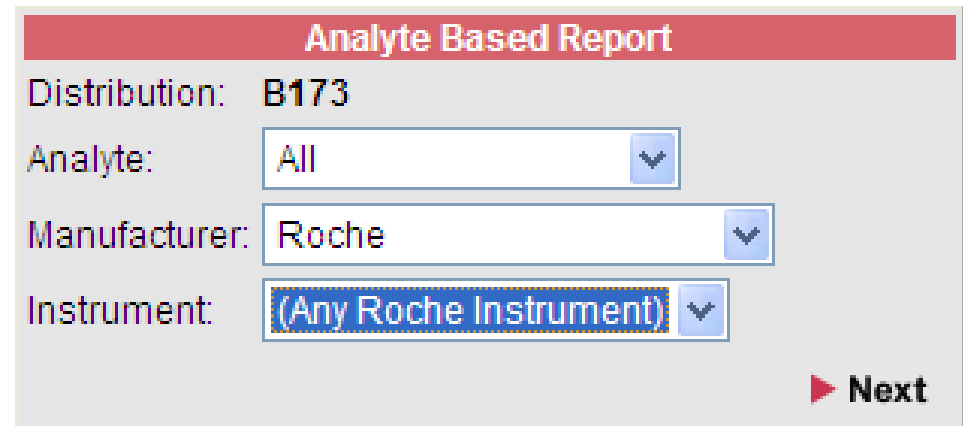
Analyte: All

Manufacturer: (Any Manufacturer)

Instrument: (Please choose manufacturer)

Next

An arrow points from the text 'You can focus on a single manufacturer' to the 'Manufacturer' dropdown menu.



Analyte Based Report

Distribution: **B173**

Analyte: All

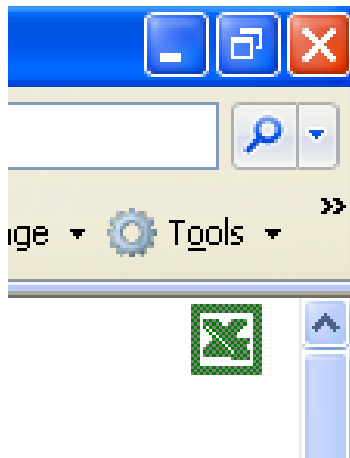
Manufacturer: Roche

Instrument: (Any Roche Instrument)

Next

An arrow points from the text 'See data for all their instruments' to the 'Instrument' dropdown menu.

The report for the selected combination will be displayed on screen, and you can then export it to excel by clicking on the icon in the top right hand corner of the screen



### Analyte Based Report

Distribution: B197  
 Distribution Date: 4 May, 2010  
 Manufacturer: Roche  
 Instrument: Integra  
 Method: All relevant methods  
 Analyte: Total Bilirubin (umol/l)

#### Total Bilirubin (umol/l)

Method	Instrument		1	2	3	4
		Overall Mean	137.38	216.95	39.82	296.62
		Overall SD	9.04	12.45	3.69	16.73
		Est. Uncertainty of Consensus	0.491	0.681	0.203	0.912
		Overall Number	339	334	328	336
		Reference Value				
		Reference Value NS				
Diazo		Method Mean	139.52	220.62	41.12	301.59
		Method SD	10.76	15.90	4.48	21.67
		Est. Uncertainty of Consensus	1.147	1.715	0.481	2.351
		Number	88	86	87	85
	Integra	Instrument Mean	131.40	209.60	39.40	293.80
		Instrument SD	1.85	7.50	0.49	10.15
		Number	5	5	5	5
Abbott / Roche Revised CAL 2008		Method Mean	132.48	209.14	37.94	285.56
		Method SD	5.59	7.11	2.21	9.35