



How to fill in
Acid-base Status and Electrolytes
(2610) results

Quick guide for result reporting

1. Start from LabScala home page by choosing My Schemes → Fill results → choose correct round.
2. Add Specific Contact, choose Next.
3. Read Instructions, choose Next.
4. Update Sample registration, choose Save & next.
5. Reporting results: choose measurement date, instrument and the correct result for each analyte.
6. Save your results as Save as final. Move to next specimen by choosing Next.
7. Validate your results and if needed, update them, finally choose Accept and send results.

Result reporting

The screenshot shows the LabScala web interface. At the top, a blue navigation bar contains the following menu items: [Home](#), [My Orders](#), [My Schemes](#) (circled in red), [My Registry](#), and [Administration](#). Below the navigation bar, a white banner displays "LabScala welcomes you !" and a "Help" icon. The main content area is divided into two panels. The left panel, titled "My EQA", contains sections for "MY REPORTS" (with a "Go to Mainio reports" link), "LATEST 3 NOTIFICATIONS" (stating "You have no notifications."), and "MY ROUNDS". The "MY ROUNDS" section features a table with the following data:

Round entry	Closing date	Response Status	Form	Info
Haemoglobin, POC (1)				
November, 4-2014	24.11.2014	Not sent	LabScala	⚠
Clinical cytology (1)				
October, 2-2014	28.11.2014	Not sent	LabScala	⚠
RS virus, detection (1)				
November, 2-2014	02.12.2014	Not sent	LabScala	
Influenza virus A+B, detection (1)				
November, 2-2014	02.12.2014	Not sent	LabScala	
Herpes simplex 1 and 2, antibodies (4)				
November, 4-2014	04.12.2014	Not sent	LabScala	⚠

At the bottom of the "MY ROUNDS" section is a "View all" link. The right panel, titled "Shortcuts & messages", contains a "SHORTCUTS" section with a "View all messages" link at the bottom. Two callout boxes with arrows point to the "My Schemes" menu and the "MY ROUNDS" section header.

Choose correct EQA round on the front page or by choosing My Schemes, Fill results

In the view the closing date and the status of the scheme can be seen.

Open = eForm open for result filling

Not sent = result filling started but results not sent to Labquality

Accepted = results sent to Labquality

Instruments – how to start

- First add all your instruments you have in use in this scheme from My Registry/ My Devices/New Device.
- If necessary you can also add your new device from the same place where you add your results.
- Choose Manufacturer, Instrument and write the **Nickname** of your instrument (*you can use the same Nicknames as in previous rounds in CueSee system*) and the start date. (You can also add if you like the LQ 3-digit code and Client system ID).

Note the "error message" on the next page!

- **The Nicknames will be seen on the Labquality's reports!**
- Choose from the Product drop-down menu Acid-base status and electrolytes and **press +- button.**

Add a new device Help

Client: 2399 Test customers

Client code:

DEVICE

* Instrument: ABL 800 Flex

* Manufacturer: RADIOMETER

Nickname: * : 800 FL
Free text field for a device name

* Start date: 15.02.2016
Please note! The Start date must be earlier or the same as the Measurement date on the Result form.

Not used after:
This field is not mandatory. The instrument cannot be used after the end-date.

Location:

LQ 3-digit code:
Unique devicespecific code

Client system ID:

USED FOR MEASURING SCHEMES

Product: Acid-base status and electrolytes

Active

Instrument, continues

- If you get the eg. the message below when adding your instruments, it means that you have already one ABL 700 instrument in the register. In spite of that message you can add as many ABL 700 instruments you have in use. Just give them different Nicknames, so that you can later differentiate them.

Add a new device

[?](#) Help

N.B. You already have similar device (ABL 700) in your register. Are you sure that you have two similar devices?

Instrument, continues

- After you have pressed the +-button you can see the analytes of this scheme
- Please press one of the analytes , you can now add the units and "reagents" to each analyte.

USED FOR MEASURING SCHEMES

Product Active

[\[-\] Acid-base status and electrolytes](#)

Analyte	Definition	Active	
<input type="text"/>	<input type="text"/>	All <input type="text"/>	<input type="text"/>
pH		<input type="checkbox"/>	
CO2		<input type="checkbox"/>	
O2		<input type="checkbox"/>	
Ca-ion actual		<input type="checkbox"/>	
Ca-ion adjusted		<input type="checkbox"/>	
Potassium		<input type="checkbox"/>	
Sodium		<input type="checkbox"/>	
Chloride		<input type="checkbox"/>	
Magnesium		<input type="checkbox"/>	
Glucose		<input type="checkbox"/>	

First Previous 1 2 Next Last

Instrument, continues

- Press save and the units and "reagents" are to be saved.
- You are then in the view seen on the next page.

Add device's secondary information for product Acid-base status and electrolytes

[? Help](#)

For this product the definition is only allowed product wise. Saving the form will apply the reagent info for all this product associated analytes

▼ Add device's reagent info for Product Acid-base status and electrolytes

Nickname: 800 FL

Instrument: ABL 800 Flex

Location:

Client system id:

* Reagent manufacturer:

* Reagent:

(LQ.14.01.3)

Instrument, continues

- Press Next (or 2) and you will see the rest of the analytes and then Save.
- Please add all your instruments used in Acid-base rounds in the same way.

The image displays two screenshots of a software interface for configuring an instrument. The interface is titled "Product" and shows a list of analytes for "Acid-base status and electrolytes".

First Screenshot: Shows a table of analytes with the following data:

Analyte	Definition	Active
pH	RADIOMETER - ABL 800-837 + FLEX; --	<input checked="" type="checkbox"/>
CO2	RADIOMETER - ABL 800-837 + FLEX; kPa	<input checked="" type="checkbox"/>
O2	RADIOMETER - ABL 800-837 + FLEX; kPa	<input checked="" type="checkbox"/>
Ca-ion actual	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Ca-ion adjusted	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Potassium	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Sodium	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Chloride	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Magnesium	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Glucose	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>

Navigation buttons: "First", "Previous", "1", "2", "Next", "Last".

Second Screenshot: Shows a table of analytes with the following data:

Analyte	Definition	Active
Lactate	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>
Creatinine	RADIOMETER - ABL 800-837 + FLEX; μmol/l	<input checked="" type="checkbox"/>
Urea	RADIOMETER - ABL 800-837 + FLEX; mmol/l	<input checked="" type="checkbox"/>

Navigation buttons: "First", "Previous", "1", "2", "Next", "Last".

Additional information section: "ADDITIONAL INFORMATION" with a note: "N.B. this information will not be read by Labquality, only for your internal notes".

Buttons: "Back", "Save".

Results – Start-Request

- After opening the scheme the request page is opened with the following information
 - **Product:** Here it can be seen what and how much has been ordered (**e.g. Acid-base status and electrolytes (11)** means that 11 sets of samples have been ordered).
 - **Instructions:** Scheme specific instructions (the same which you have got with samples) can be read and printed.
 - **Pre-analytics:** Samples arrival date, quantity received, samples storage conditions etc.
 - **Analytics:** Analyte-specific results can be filled by instruments
 - **Postanalytics:** Validate results
 - **Exit:** Back to the front page
- Also the scheme specific contact information is filled here
 - The contact person receives reminders and important scheme specific information
 - **At least one contact person needs to be named!**

Welcome to the round of Acid-base status and electrolytes, February, 1-2016 analysis Help

[Request](#)>>[Instructions](#)>>[Pre-analytics](#)>>[Analytics](#)>>[Post-analytics](#)>>[Exit](#)

MY ORDERS					
Product	Delivery	Opening	Closing	Status	Form
Acid-base status and electrolytes(11)					
	29.02.2016	29.02.2016	24.03.2016	Ordered	LabScala

MY SCHEME SPECIFIC CONTACTS		
Name	Send E-mail notification to	
Test	test@test.com	<input type="checkbox"/> <input type="checkbox"/>

By pressing the "Next" button LabScala will automatically move you forward

Next Exit

Pre-analytics

- In Pre-analytics, the following is asked
 - **Sample arrival date**
 - **Quantity received:** How many sample sets were received
 - **Sample storage condition:** How have the samples been stored before analysis (refrigerator, room temperature, freezer, other)
 - **Sample preparation date:** If done, if not, can be left empty
- Comments can be saved if needed
- Move forward by selecting "Save & next"




Acid-base status and electrolytes, February, 1-2016 pre-analytics

Help


Request>>Instructions>>Pre-analytics>>Analytics>>Post-analytics>>Exit

Sample registration

▼ Sample registration

Product	Has eForm	Code	Quantity ordered	Sample arrival date	Quantity received	Sample storage conditions	Sample preparation date
Acid-base status and electrolytes, February, 1-2016	Yes	2610	11	10.02.2016 	11	+2 ... +8 C 	

COMMENTS



Save & next Exit

Results

- In Analytics the **B-pH, B-pCO₂, B-pO₂, P-Ca-ion actual, P-Ca-ion adj. pH 7.4, P-K, P-Na, P-Cl, Ionised Mg, P-Glucose, P-Lactate, P-Creatinine and P-Urea** results can be added by sample and by instrument. **Please add first your all instrument's results from sample S001 and then from samples S002 and S003.**

- Result filling is started by selecting the measurement day .

Do you want to copy the same date to other rows also?

- Please copy the date to all rows!*

If you are doing all measurements on the same day, this saves you the trouble of filling in the date for each row. If you are doing your measurements on different days, then it better not to use this option. The choice is yours.

2399: Acid-base status and electrolytes, February, 1-2016 - Sample set 1 (S001)

<<Previous step>>Acid-base status and electrolytes>>Next step

SAMPLE SETS

1

▼ Measurement results no. 1
Add result +

* Measurement date	Analyte	* Device	* Instrument	* Reagent	* Result	Unit
19.02.2016	pH	-Choose- ▼				
19.02.2016	CO2	-Choose- ▼				
19.02.2016	O2	-Choose- ▼				
19.02.2016	Ca-ion actual	-Choose- ▼				
19.02.2016	Ca-ion adjusted	-Choose- ▼				
19.02.2016	Potassium	-Choose- ▼				
19.02.2016	Sodium	-Choose- ▼				
19.02.2016	Chloride	-Choose- ▼				
19.02.2016	Magnesium	-Choose- ▼				
19.02.2016	Glucose	-Choose- ▼				
19.02.2016	Lactate	-Choose- ▼				

Results- continues

- Now you can add the sample S001 results to all your instruments to **which you have ordered own sample set.**
- Please select the device in question from the Device drop down menu and add your results and choose the CO₂ and O₂ unit (either kPa or mmHg)
- You can also add you instrument here if not already added, just choose from the Device drop down menu "Add device" and follow in instruction from previous pages.
- When you have added one of your instrument's results from sample S001, select **Add results +-button** and now you can add your second instrument's results from sample S001 etc.

Sample S001 Sample S002 Sample S003

▼ Measurement results no. 1 Add result +

* Measurement date	Analyte	* Device	* Instrument	* Reagent	* Result	Unit
19.02.2016	pH	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	7,15	--
19.02.2016	CO2	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	40	mmHg
19.02.2016	O2	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	6	kPa
19.02.2016	Ca-ion actual	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	1,5	mmol/l
19.02.2016	Ca-ion adjusted	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	1,6	mmol/l
19.02.2016	Potassium	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	2,2	mmol/l
19.02.2016	Sodium	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	118	mmol/l
19.02.2016	Chloride	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	78	mmol/l
19.02.2016	Magnesium	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX		mmol/l

Results –Continues

- When you have added all your instruments' sample S001 results ja **saved them as final** you can add sample S002 to all your instruments.
- Please select the sample S002 from **Sample S002** button or from **Next** button. When you have added your all instruments' results from samples S001-S003 **Save as final** and then **Next** and you will be in Post-Analytics.

Sample S001 **Sample S002** Sample S003

▼ Measurement results no. 1

* Measurement date	Analyte	* Device	* Instrument	* Reagent	* Result	Unit	
19.02.2016	pH	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	7,15	--	
19.02.2016	CO2	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	8	kPa	
19.02.2016	O2	OLLI 800 Flexu	ABL 800 Flex	ABL 800-837 + FLEX	6	kPa	
19.02.2016	19.02.2016	Potassium	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX	2,3	mmol/l
19.02.2016	19.02.2016	Sodium	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX	119	mmol/l
	19.02.2016	Chloride	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX	80	mmol/l
	19.02.2016	Magnesium	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX		mmol/l
	19.02.2016	Glucose	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX		mmol/l
	19.02.2016	Lactate	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX		mmol/l
	19.02.2016	Creatinine	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX		µmol/l
	19.02.2016	Urea	OLLIE 80 FL	ABL 80 FLEX	ABL 80 FLEX		mmol/l

COMMENTS

[Back to list](#) [Edit data](#) [Print](#)

Next

Post-analytics

- When you have added all your results you are next taken to the result validation
 - **Product:** What part of the process is being validated
 - **Sample set:** Which sample set is being validated
 - **Sample:** Which sample is being validated
 - **Errors:** If there are analyte-specific validation limit errors these are shown here
 - **Last saved:** The user who has saved the results
 - **Date:** Date of last saving
 - **Status:** Status of the results (Accepted, Draft, Error)
 - When all of the states are such that the results can be sent to Labquality, select **"Accept and send results"**. If you wish not to send the results yet, select "Exit"
- **The results can be edited as long as the round is open, even if "Accept and send results" has been selected**

Acid-base status and electrolytes, February, 1-2016 postanalytics

[Help](#)

Request>>Instructions>>Pre-analytics>>Analytics>>Post-analytics>>Exit

Results are accepted and sent to Labquality by Anna-Riitta Vanhanen on 24.02.2016 08:44
To re-open result forms, please click [here!](#)

Validate results

Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Acid-base status and electrolytes	1	Sample S001	OK	Anna-Riitta Vanhanen	24.02.2016 09:33	Accepted
Acid-base status and electrolytes	1	Sample S002	OK	Anna-Riitta Vanhanen	24.02.2016 08:32	Accepted
Acid-base status and electrolytes	1	Sample S003	OK	Anna-Riitta Vanhanen	24.02.2016 08:35	Accepted

Sent to Labquality by Anna-Riitta Vanhanen on 24.02.2016 08:44

Accept and send results

Exit

Exit

- After selecting "Accept and send results" you will be taken back to your schemes list.

▼ My Schemes - 2399 Test customers (All)

Showing entries 1-2 [Total 2] Display: All ▼

Sub-Program	Scheme	Round	Products ordered	Closing date	Form	Status	
			2610		(All) ▼	(All statuses) ▼	
Special chemistry	Acid-base status and electrolytes	April, 2-2016	2610(2)	13.05.2016	LabScala	Not started	
Special chemistry	Acid-base status and electrolytes	February, 1-2016	2610(13)	24.03.2016	LabScala	Not started	

Welcome to the round of Acid-base status and electrolytes, February, 1-2016 analysis

Help

[Request](#)>>[Instructions](#)>>[Pre-analytics](#)>>[Analytics](#)>>[Post-analytics](#)>>[Exit](#)

Results are accepted and sent to Labquality by Anna-Riitta Vanhanen on 24.02.2016 09:44

[To re-open result forms, please click here!](#)

MY ORDERS

Product	Delivery	Opening	Closing	Status	Form
Acid-base status and electrolytes(11)					
	29.02.2016	29.02.2016	24.03.2016	Ordered	LabScala

MY SCHEME SPECIFIC CONTACTS

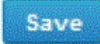
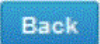







Name	Send E-mail notification to	
Test	test@test.com	

► Coordinator contact information

Next

Exit

LabScala buttons

	Enables you to save changes on the form
	Takes you back to the previous view
	Enables you to add some information. In tables it adds a row.
	Edit button enables you to edit texts and information
	Delete button enables you to delete texts and information
	Accept button marks something as being accepted or valid
	Lookup button marks a search field where you can enter text to be searched for
	List button marks a field where you can search from the background register
	To the Home page

Questions?

In case you have questions, please contact:

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