



Leucocyte Differential Count and Evaluation of Blood Cell Morphology

Getting started 1-2-3



The image shows the LabScala login page. It features a blue header with the LabScala logo and name. Below the header, the text "Login with username and password" is displayed. There are two input fields: "Username:" and "Password:". Below the "Password:" field, there is a blue "Login" button and a link that says "Forgot your password?".

AUTH.01.1



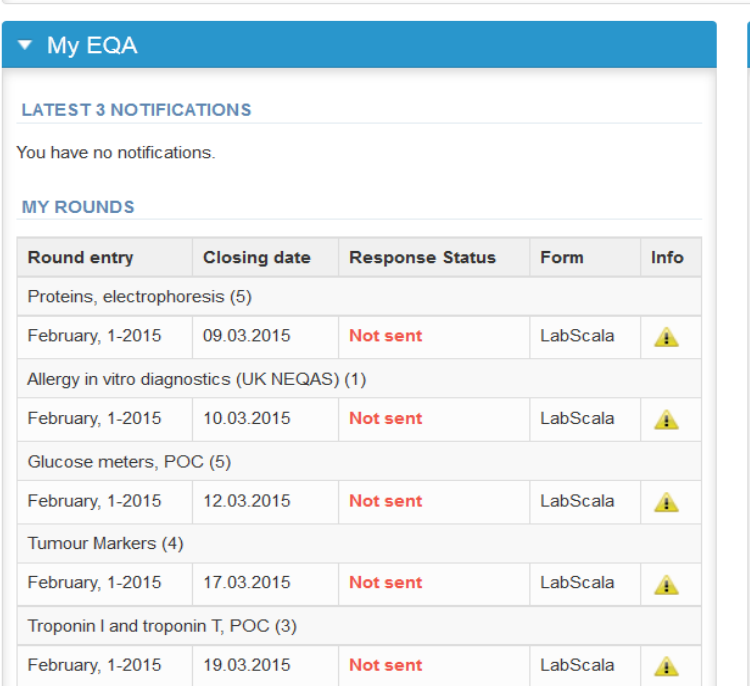
The image shows the LabScala password change page. It features a blue header with the LabScala logo and name. Below the header, the text "Password change" is displayed. There are three input fields: "Old password:", "New password:", and "Repeat new password:". Below the "Repeat new password:" field, there are two buttons: "Change" and "Back".

OS5.2

1. Login with your username and password.
2. If you use LabScala for the first time:
Login using the existing Mainio (participant services) password
3. Change the password
 - Password needs to have 9 characters, one of which needs to be a letter and one a number
 - This will be your new administrator password
 - If you are already familiar with LabScala, use your own login name and password to access your account
4. Start using LabScala

Filling results

- The easiest way to access open schemes is from "My EQA" on the front page
- In the view of the next 3 closing schemes 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



▼ My EQA

LATEST 3 NOTIFICATIONS

You have no notifications.

MY ROUNDS

Round entry	Closing date	Response Status	Form	Info
Proteins, electrophoresis (5)				
February, 1-2015	09.03.2015	Not sent	LabScala	⚠
Allergy in vitro diagnostics (UK NEQAS) (1)				
February, 1-2015	10.03.2015	Not sent	LabScala	⚠
Glucose meters, POC (5)				
February, 1-2015	12.03.2015	Not sent	LabScala	⚠
Tumour Markers (4)				
February, 1-2015	17.03.2015	Not sent	LabScala	⚠
Troponin I and troponin T, POC (3)				
February, 1-2015	19.03.2015	Not sent	LabScala	⚠

Filling results

- The eForms can be accessed also from "My Schemes" in the header
 - **Fill results:** access to eForms that are open for result filling
 - **View all:** access to a list of all ordered schemes
 - **Mainio:** other Internet – surveys and e-schemes

LabScala welcomes you ! Help

Admin widget

Organization:

My EQA

SCHEMES LIST (EQA-COORDINATOR)

Product	Orders	Ordering end date	Delivery start date
2510 - Alcohol in blood: Ethylene glycol in whole blood	2510: 0-8-0	15.02.2015	27.02.2015
2510 - Alcohol in blood: Ethanol+Methanol +Isopropanol in whole blood	2510: 23-27-0	15.02.2015	27.02.2015
2517 - Alcohol in blood: Ethylene glycol in serum	2517: 28-32-0	15.02.2015	27.02.2015
2511 - Alcohol in blood: Ethanol+Methanol +Isopropanol in serum	2511: 145 152 0	15.02.2015	27.02.2015
2730 - Erythrocyte sedimentation rate	2730: 460-498-0	15.02.2015	10.03.2015

Shortcuts & messages

SHORTCUTS

- Fill results (Mainio)
- Go to Mainio
- Scheme delivery list
- View reports < 2015
- e-schemes
- View reports

MESSAGES

Postponed rounds: 7800 - Preanalytics, clinical chemistry 1, 2015

The February round 7800 - Preanalytics, clinical chemistry 1, 2015 is postpone. The new delivery date will be published as soon as possible.

Entering results

Please note that although all your ordered rounds are visible in LabScala, not all have an eForm in LabScala. Results for our rounds are sent using "e-schemes" - link on the front page, "Go to Mainio" - link on the front page or via LabScala. And almost half of our rounds are still sent using paper forms.

Filling results

- After selecting an open scheme the results can be filled
- Result filling is presented as a process:
 - **Request:** Important round-specific information
 - **Instructions:** Printable instruction letter
 - **Analytics:** Enter your results
 - **Post-analytics:** Validation of the results (check and save)
 - **Exit:** Back to the front page
- Access to the next step of the process can be done after the previous step is completed

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
 - **Delivery:** samples sent from Labquality
 - **Opening:** Result filling /eForm is opened
 - **Closing:** eForm is closed
 - **Status:** status of the scheme (Open, Draft, Final as before)
- Also the scheme specific contact information is filled here
 - The contact persons receive reminders and important scheme-specific information
 - **At least one contact person needs to be named!**

Welcome to the round of Leucocyte differential count and evaluation of blood cell morphology, October, 2-2016 analysis





[LabScala User instructions](#)

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

MY ORDERS

Product	Delivery	Opening	Closing	Status	Form
Leucocyte differential count and evaluation of blood cell morphology(1)					
	17.01.2017	17.01.2017	07.02.2017	Ordered	LabScala

MY SCHEME SPECIFIC CONTACTS

Name	Send E-mail notification to	
Labquality		 
testiasiakas	testi@testi.fi	 

► Coordinator contact information

Next

Exit

Filling results

- First add your **scheme-specific** contact info by pressing plus – sign
- Fill in name and email address or phone number (you can add as many contact persons as you like)
- **Save** and choose Next

Instructions

- In Instructions the scheme-specific instructions can be read and printed by pressing the "Print instructions" button on the bottom of the page.

Leucocyte differential count and evaluation of blood cell morphology, October, 2-2016 instructions

[? LabScala User instructions](#)

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

Leucocyte differential...

Leucocyte differential...

See the instructions under 'Print instructions' button.

Print instructions

Next

Exit

Pre-analytics

- In Pre-analytics, the following is asked
 - **Sample arrival date**
 - **Quantity received:** in virtual schemes 1 set
 - **Sample storage condition:** room temperature
 - **Sample preparation date:** analyzing date, can be left empty
- Comments can be saved if needed
- Move forward by selecting "Save & next"

Leucocyte differential count and evaluation of blood cell morphology, October, 2-2016 pre-analytics

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Sample registration

▼ Sample registration

Product	Has eForm	Code	Quantity ordered	Sample arrival date	Quantity received	Sample storage conditions	Sample preparation date
Leucocyte differential count and evaluation of blood cell morphology, October, 2-2016	Yes	4180	1	10.01.2017	<input type="text" value="1"/>	Room temperature	10.01.2017

COMMENTS

Save & next

Exit

Results – how to start

- In Analytics page the results can be filled
- Result filling is started by selecting the measurement day, copy to other rows also
- Mark your result as percentage to the result box. Note! Total sum must be 100%.
- Don't leave any result box empty → Fill in 0 if no findings.
- Mark your result to the question: Is the blood film normal? If NO, the result boxes underneath will appear active.
- Mark your findings first in the Main group → Finding → Change
- Save your results and move to the next sample

Sample S001 Sample S002 Sample S003

▼ Leucocyte Differential Count

60 year old woman, previously treated for c.carcinoma of the bladder. Haemoglobin 128 g/l, WBC 159.9 x 10⁹/l, PLT 91 x 10⁹/l. Pictures related to this sample (273_1 and 273_2) can be opened from the links here under.

[Open Picture 1](#)

[Open picture 2](#)

Measurement date	Analyte	Result	Unit
12.01.2017	Blasts	<input type="text"/>	% ▼
12.01.2017	Promyelocytes	<input type="text"/>	% ▼
12.01.2017	Myelocytes	<input type="text"/>	% ▼
12.01.2017	Metamyelocytes	<input type="text"/>	% ▼
12.01.2017	Band forms	<input type="text"/>	% ▼
12.01.2017	Neutrophils	<input type="text"/>	% ▼
12.01.2017	Eosinophils	<input type="text"/>	% ▼
12.01.2017	Basophils	<input type="text"/>	% ▼
12.01.2017	Lymphocytes	<input type="text"/>	% ▼
12.01.2017	Monocytes	<input type="text"/>	% ▼

Evaluation of Red Blood Cells

If you choose 'Normal blood film' → No





The result boxes will change to active and you can choose findings for the red blood cell evaluation

First choose Main group → Finding → Scale





Press the + (plus)-sign to add results and also if you want to give more results/findings
Save and move to the next sample

Evaluation of Blood Cell Morphology				* Choose
Normal blood film, no abnormalities?				No ▾



ERYTHROCYTES

Analyte	* Main group	* Finding	* Scale	Add
Erythrocytes	Altered grouping	Rouleaux	Clear	 
Erythrocytes	Inclusion bodies	Basophilic stippling	Slight	 
Erythrocytes	- Choose - ▾			

LEUCOCYTES

Analyte	* Main group	* Finding	* Scale	Add
Leucocytes	Altered amount of cells	Leucocytosis	Clear	 
Leucocytes	Granulocyte morphology	Hypersegmentation	Slight	 
Leucocytes	- Choose - ▾			

PLATELETS

Analyte	* Main group	* Finding	* Scale	Add
Platelets	Altered amount of cells	Leucocytosis	Clear	 
Platelets	- Choose - ▾			

Results

- There is a place for comments at the end of the page
- Options for saving on this page are
 - Use "Save as draft", if you don't want to send the results yet
 - Use "Save as final", if you want to send the results to Labquality
- Back to list –button takes you back to the front page
- Clear all page data –button clears all the information on this page
- If "Save as final" was selected the results are saved and the table is closed. The data can be edited by selecting "Edit data" from the bottom of the page

Post-analytics

- When all of the results have been filled the user is taken to Post-analytics for result validation
 - **Product:** what part of the process is being validated
 - **Sample set:** which sample set is being validated
 - **Sample:** which sample
 - **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**, **Open**, **Error**)

Leucocyte differential count and evaluation of blood cell morphology, October, 2-2016 postanalytics

[LabScala User instructions](#)

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

Validate results

Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Leucocyte differential count and evaluation of blood cell morphology	1	Sample S001	OK	Pirjo Makkonen	20.01.2017 13:09	Accepted
Leucocyte differential count and evaluation of blood cell morphology	1	Sample S002	OK	Pirjo Makkonen	20.01.2017 13:21	Accepted
Leucocyte differential count and evaluation of blood cell morphology	1	Sample S003	OK	Pirjo Makkonen	20.01.2017 13:22	Accepted
Leucocyte differential count and evaluation of blood cell morphology	1	Reference	OK	Pirjo Makkonen	20.01.2017 13:22	Accepted

Accept and send results

Exit

Post-analytics

- The results can be edited by selecting the correct sample
- 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

Leucocyte differential count and evaluation of blood cell morphology, October, 2-2016 postanalytics

[LabScala User instructions](#)

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

Validate results

Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Leucocyte differential count and evaluation of blood cell morphology	1	Sample S001	OK	Pirjo Makkonen	20.01.2017 13:09	Accepted
Leucocyte differential count and evaluation of blood cell morphology	1	Sample S002	OK	Pirjo Makkonen	20.01.2017 13:21	Accepted
Leucocyte differential count and evaluation of blood cell morphology	1	Sample S003	OK	Pirjo Makkonen	20.01.2017 13:22	Accepted
Leucocyte differential count and evaluation of blood cell morphology	1	Reference	OK	Pirjo Makkonen	20.01.2017 13:22	Accepted

Accept and send results

Exit

Exit

- After selecting "Exit" you will be taken back to the front page

LabScala welcomes you !

[? Help](#)

▼ My EQA

LATEST 3 NOTIFICATIONS

You have no notifications.

MY ROUNDS


Round entry	Closing date	Response Status	Form	Info
Parasites in faeces, virtual microscopy (1)				
April, 2014	18.06.2014	Not sent	LabScala	⚠
Rotavirus and adenovirus antigen detection (4)				
June, 2014	19.06.2014	Not sent	LabScala	⚠
Coeliac disease (1)				
June, 2014	26.06.2014	Not sent	LabScala	⚠

▼ Shortcuts & messages

SHORTCUTS

- Place orders
- View reports
- e-schemes
- Fill results (Mainio)
- Go to Mainio

MESSAGES

 **LabScala videos on YouTube**

As more and more functionality is added to our EQA-portal LabScala, the need for userguidance is for sure needed.

In order to help our customers use LabScala we have created short LabScala-videotutorials for the most used functions: login, adding users, adding devices, how to use the eForms etc. The videos can be found on LabScala's own YouTube account at [http://www.youtube.com](#)

LabScala buttons

A blue rectangular button with the word "Save" in white text.

Enables you to save changes on the form

A blue rectangular button with the word "Back" in white text.

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



Takes you back to the front page

Questions?

- In case you have questions, please contact:

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Jonna Pelanti

jonna.pelanti@labquality.fi

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