



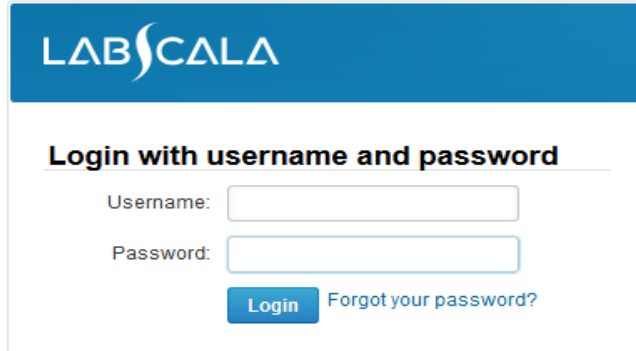
How to fill in results

Parasites in blood,  
virtual microscopy

# 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 the correct findings from the drop-down lists and answer to possible additional questions.
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.

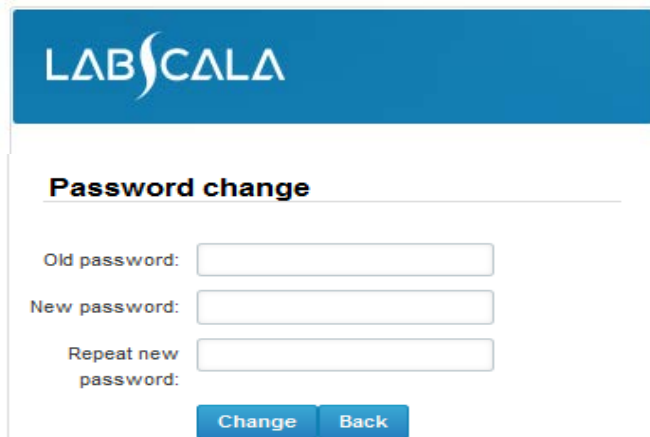
# Getting started 1-2-3



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

Please make sure that you used five digit client code as username, e.g. 02399!

[Read this before your first login to LabScala!](#)



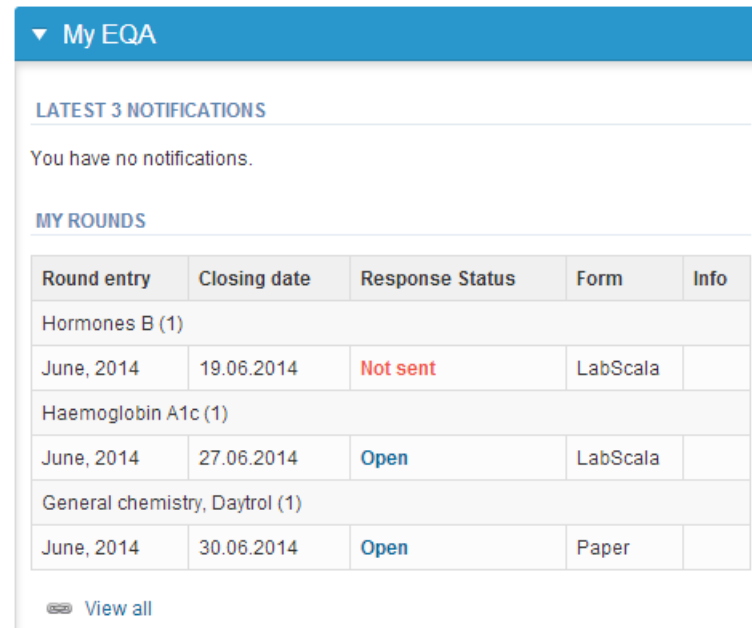
The image shows the LabScala password change page. At the top is a blue header with the LabScala logo. Below the header, the text "Password change" is displayed. There are three input fields: "Old password:", "New password:", and "Repeat new password:". Below the fields are two buttons: "Change" and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

OS5.2

1. Login with your username and password.
2. If you use LabScala for the first time: Login using your existing password (Labquality participant services)
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 closing schemes the closing date and the status of the scheme can be seen
  - **Fill results** = eForm open for result filling
  - **Not sent** = result filling started but results not sent to Labquality
  - **Sent** = results sent to Labquality



The screenshot shows the 'My EQA' interface. At the top, there is a blue header with a dropdown arrow and the text 'My EQA'. Below this, there is a section titled 'LATEST 3 NOTIFICATIONS' with the text 'You have no notifications.' followed by a section titled 'MY ROUNDS'. This section contains a table with the following data:

Round entry	Closing date	Response Status	Form	Info
Hormones B (1)				
June, 2014	19.06.2014	Not sent	LabScala	
Haemoglobin A1c (1)				
June, 2014	27.06.2014	Open	LabScala	
General chemistry, Daytrol (1)				
June, 2014	30.06.2014	Open	Paper	

At the bottom of the table, there is a link that says 'View all' with a small icon to its left.

# 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 – schemes and e-schemes



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

## Welcome to the round of Parasites in blood, virtual microscopy, October, 1-2018 analysis






[? LabScala User instructions](#)

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

### MY ORDERS

Product	Delivery	Opening	Closing	Status	Form
Parasites in blood, MGG stain, virtual microscopy(2)					
	18.12.2018	18.12.2018	11.01.2019	Ordered	LabScala
Parasites in blood, Giemsa stain, virtual microscopy(2)					
	18.12.2018	18.12.2018	11.01.2019	Ordered	LabScala

### MY SCHEME SPECIFIC CONTACTS


Name	Send E-mail notification to	
Testi henkilö	testi@testi.fi	  
Raija Myllys	raija.myllys@xxxx.fi	 

► Coordinator contact information


Next

Exit

# Contact info

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

MY SCHEME SPECIFIC CONTACTS

Name	Send E-mail notification to	

[Next](#) [Exit](#)

## Add scheme contact person

▼ Add/edit scheme contact person

\* Name:

Email:

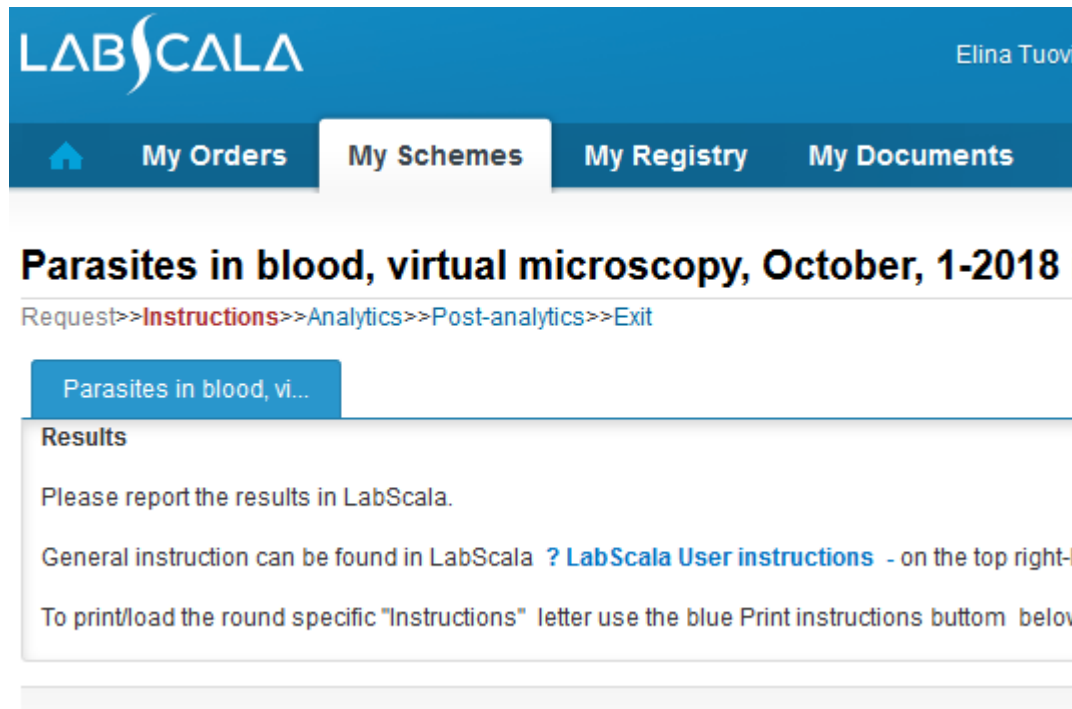
Phone:

[Back](#)



# Instructions

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



The screenshot displays the LabScala user interface. At the top, the LabScala logo is on the left, and the user's name 'Elina Tuov' is on the right. Below the logo is a navigation bar with buttons for 'My Orders', 'My Schemes' (which is highlighted), 'My Registry', and 'My Documents'. The main content area features the title 'Parasites in blood, virtual microscopy, October, 1-2018' and a breadcrumb trail: 'Request>>Instructions>>Analytics>>Post-analytics>>Exit'. A blue button labeled 'Parasites in blood, vi...' is visible. Below this, a 'Results' section contains the following text: 'Please report the results in LabScala.', 'General instruction can be found in LabScala ? [LabScala User instructions](#) - on the top right-I', and 'To print/load the round specific "Instructions" letter use the blue Print instructions button below'.

# Results

On the Virtual microscopy results -page you have 2 specimens with background information and links to the scanned picture of each samples

- Click the blue **View image** button to open the virtual microscopy pictures. The pictures are opened in a new window.
- View and assess the specimen picture.

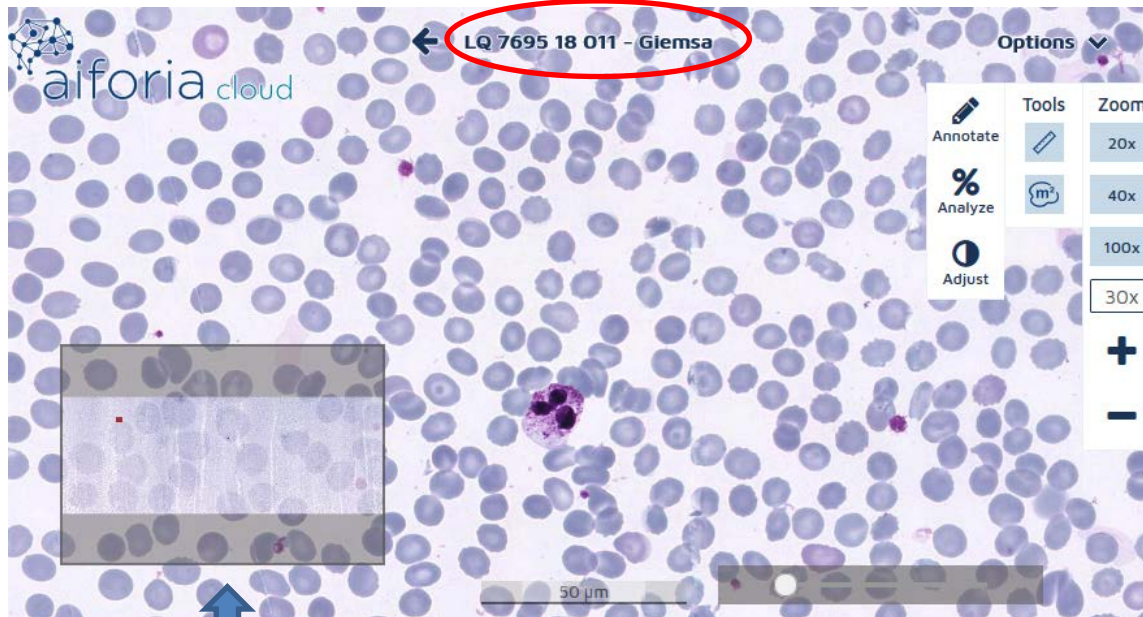
Note! Check that you have same sample on the virtual microscopy window and result form when you report the findings.

The screenshot displays a web interface for virtual microscopy results. At the top, there is a 'SAMPLE SETS' header. Below it, navigation buttons include 'First', 'Previous', 'Next', and 'Last'. A central indicator shows '1' selected and '2' available. Below the navigation, two sample tabs are visible: 'Sample S001' (active) and 'Sample S003'. The main content area is titled 'Final results' and contains the following text:

**Clinical details:**  
A senior medical researcher was performing mosquito field tests in Western Tanzania. After returning home he started to have headache and grumbling in the stomach. He had fever, which passed away, but returned the next day with shivers. At a visit to doctor malaria was suspected and samples taken.  
Lab examinations showed: Hb 128 g/L and Thromb 130 E9/L.

A blue 'View image' button is located at the bottom left of the results section.

# Slide viewing (Aiforia Cloud)



You can zoom in or out with the scroll wheel on your mouse, or by using the zooming controls in the right margin (x20, x40 etc). Alternatively you can use keyboard buttons: + and -. Cursor up, down, left and right will navigate in x/y directions in addition to the mouse control.

The small picture is an overview panel of the thin blood film specimen.

**Return to the LabScala window and report your results.**




# Estimation of the percentage of parasitaemia in thin blood film


- When calculating the percentage of parasitaemia, count the number of infected red blood cells in 1000 - 2000 red blood cells in a thin blood film.
- A red cell infected with multiple parasites, counts as one parasitised cell.
- Gametocytes are not counted.
- Example: 3 parasitised red cells/100 red blood cells = 3 % parasitaemia.

# Results

- There is a place for comments on the bottom of the Results 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

[View image](#)

* Finding	* Lifecycle	% of parasitaemia	Details	Add
Other blood parasite	Other lifecycle		"model answer"	 
<input type="text"/>				

* Further action	* Performer
Referred 	<input type="text" value="Charlie Smith"/>

COMMENTS


[Back to list](#) [Clear all page data](#)

[Save as draft](#)

[Save as final](#)

# Results

- Report possible findings , lifecycles and % of parasitaemia using the drop down lists.
- **Add each Finding line with the + -button** (you can report several findings /specimen).

* Finding	* Lifecycle	% of paracitaemia	Details	Add
Negative	For blood parasites (all)	- Choose -		

- Report the Further handling -action (referred or not).
- Report the name of the performer/ answerer.
- In the end click the green button **Save as final** and close the Aiforia Cloud window of this specimen.
- Click the **Next** button to move to the next specimen.

* Finding	* Lifecycle	% of paracitaemia	Details	Add
Blood parasites, other	Other, specify	2,0-4,0%	P.knowlesi	
* Send to referenece laboratory ?			* Performer	
Yes			Raija M	
<b>COMMENTS</b>				
Place for free text				

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



# Results

- If "Save as final" was selected the results are saved and the table is closed.
- **Always remember to check that all your findings are listed in the final form!**
- The data can be edited by selecting "Edit data" from the bottom of the page
- By selecting "Next" LabScala takes you automatically to the next sample or sample set to be filled

Sample S001    Sample S003

▼ Final results

**Clinical details** : A 27 year old male was visiting family in rural Pakistan and has afterwards been on and off feverish.

**Lab examinations showed**: CRP 22 mg/l, Hb 143 g/l, Hematocrit 42 %.

[View image](#) Please click here to open the image and register your findings in the following table

* Finding	* Lifecycle	% of paracitaemia	Details	Add
Blood parasites, other	Other, specify	2,0-4,0%	P.knowlesi	

\* Send to reference laboratory ?      \* Performer

Yes      Raja M

COMMENTS

Back to list    Edit data      [Next](#)

# Post-analytics

- When all of the results have been filled and saved the user is taken to the Post-analytics page for the 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 the last saving
  - **Status:** status of the results (Accepted, Draft, Open, Error)

## Parasites in blood, virtual microscopy, April, 2014 postanalytics

[? Help](#)

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

Validate results

### ▼ Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Preanalytics		Registration	OK	Raija Myllys	11.07.2014 21:38	Accepted
Parasites in blood, Giemsa stain, Virtual microscopy	1	Sample S011	OK	Rauvo, Päivi	14.07.2014 09:18	Accepted
Parasites in blood, Giemsa stain, Virtual microscopy	1	Sample S013	OK	Raija Myllys	11.07.2014 22:21	Accepted
Parasites in blood, MGG stain, Virtual microscopy	1	Sample S012	OK	Raija Myllys	11.07.2014 22:22	Accepted
Parasites in blood, MGG stain, Virtual microscopy	1	Sample S014	OK	Raija Myllys	11.07.2014 22:23	Accepted

Accept and send results

Exit



# Post-analytics

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

## Parasites in faeces, virtual microscopy, April, 2014 postanalytics

[? Help](#)

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

Validate results


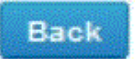







### ▼ Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Preanalytics		<a href="#">Registration</a>	OK	Raija Mylly	13.06.2014 17:07	Accepted
Parasites in faeces, virtual microscopy	1	<a href="#">Sample S011</a>	OK	Raija Mylly	13.06.2014 19:24	Accepted
Parasites in faeces, virtual microscopy	1	<a href="#">Sample S012</a>	OK	Jonna Pelanti	16.06.2014 10:39	Accepted
Parasites in faeces, virtual microscopy	1	<a href="#">Sample S013</a>	OK	Jonna Pelanti	18.06.2014 16:00	Accepted

Accept and send results

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
	Takes you back to the front page

# Questions?

- In case you have questions, please contact:
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[elina.tuovinen@labquality.fi](mailto:elina.tuovinen@labquality.fi)  
+358 50 361 3571
  - Jonna Pelanti  
[jonna.pelanti@labquality.fi](mailto:jonna.pelanti@labquality.fi)  
+358 9 8566 8211
- 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 <https://www.youtube.com/user/LabScala>