



5260

Fungal culture

How to fill in results

# Result reporting in LabScala

The screenshot shows the LabScala user interface. At the top, there is a navigation bar with tabs: My Orders, My Schemes, My Registry, My Documents, and Administration. The 'My Schemes' tab is circled in red. Below the navigation bar, a welcome message reads 'LabScala welcomes you !'. The main content area is divided into two columns. The left column, titled 'My EQA', contains sections for 'MY REPORTS', 'LATEST 3 NOTIFICATIONS', and 'MY ROUNDS'. The 'MY ROUNDS' section contains a table with columns: Round entry, Closing date, Response Status, Form, and Info. The right column, titled 'Shortcuts & messages', contains sections for 'SHORTCUTS' and 'MESSAGES'. A text box with a black border and white background is overlaid on the right side of the screenshot, containing the text: 'Choose the correct EQA round on the front page or under "My schemes" and "Fill results"'. Two black arrows originate from this text box: one points to the 'My Schemes' tab in the navigation bar, and the other points to the 'Fill results' link in the 'MY ROUNDS' table.

LabScala welcomes you !

My EQA

MY REPORTS

- View reports
- View reports < 2015

LATEST 3 NOTIFICATIONS

You have no notifications.

MY ROUNDS

| Round entry                    | Closing date | Response Status | Form     | Info |
|--------------------------------|--------------|-----------------|----------|------|
| Therapeutic drugs (2)          |              |                 |          |      |
| August, 3-2015                 | 01.09.2015   | Not sent        | LabScala |      |
| General chemistry, Daytrol (2) |              |                 |          |      |
| August, 8-2015                 | 02.09.2015   | Not sent        | LabScala | ⚠    |
| ANCA and GbmAb (2)             |              |                 |          |      |
| August, 2-2015                 | 03.09.2015   | Fill results    | LabScala | ⚠    |
| Urine strip test A, POC (2)    |              |                 |          |      |
| August, 3-2015                 | 04.09.2015   | Not sent        | LabScala | ⚠    |
| Tumour Markers (2)             |              |                 |          |      |
| August, 3-2015                 | 10.09.2015   | Not sent        | LabScala |      |

View all

Shortcuts & messages

SHORTCUTS

- Place orders
- Go to Mainio
- Fill results (Mainio)


MESSAGES

- How to add your email for the...  
As you have noticed, we send...  
are downloaded to LabScala.  
client and to those whose emails have been added on the resultforms. To edit the admin account email, please go with your mouse to the header of LabScala over the client code and select My settings. There you can edit the email for password recovery and the contact email address.
- Problems accessing the reports (screen only flashes, flickers etc.)  
In case you are experiencing problems like screen flickering, only flashing and returning back when downloading your reports for 2015 from LabScala, please check that your pop-ups are allowed in the browser you are using. Especially Internet Explorer often has pop-ups disallowed as default and this is also why we strongly advice using Mozilla or Chrome when you use LabScala. Unfortunately we at Labquality cannot tweak the settings you have in your browsers and in case you are unable to do them yourselves, you need to contact your IT-support and ask them to "allow always" the pop-ups from my.labscala.eu. We apologize for any inconvenience caused by this.
- Postponed rounds: 2640 Synovial fluid crystals 1, 2015  
The May round 2640 Synovial fluid crystals 1, 2015 is postponed. The new

# Filling results

- First add your scheme-specific contact info by pressing plus – sign
- Fill in name and email address or phone number
- 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 Instructions the scheme-specific instructions can be read and printed by pressing the "Print instructions" button on the bottom of the page.

Press "Next" to proceed.

**Fungal culture, September, 3-2015 instructions** [Help](#)

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

Fungal culture

5260 Fungal culture

**Specimens**

Please find enclosed three lyophilized specimens and vials of rehydration fluid. Handle the specimens with the same care as corresponding clinical specimens capable of transmitting infectious disease. Specimens should be stored at 2 ... 8 °C. Follow the standard operating procedure of your laboratory for disposal of the specimens.

Please follow the instructions, incubate and culture the specimens and read the results.

**Instructions for handling the specimens**

1. Let the specimens and the rehydration fluids warm up to room temperature.
2. Cut the foil packet open at the end where you can feel the thicker part of the loop.
3. Remove the plastic sheath from loop. Break the loop shaft off from handle directly into the tube containing warm rehydration fluid (blue cap).
4. Incubate the tube for 30 minutes in 35 ... 37 °C incubator.
5. Check that the black film inside the loop (containing the lyophilized specimen) has dissolved completely.
6. Mix well the contents of the tube and culture immediately similar to a patient specimen.

**Result reporting**

Instructions for result reporting can be found under "Help" on the top right-hand corner of the LabScala web page.

**Contact info**  
elina.tuovinen@labquality.fi  
p. +358 9 85668214

[Print instructions](#) [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**"

## Fungal culture, September, 3-2015 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 |
|-----------------------------------|-----------|------|------------------|---------------------|------------------------|---------------------------------|-------------------------|
| Fungal culture, September, 3-2015 | Yes       | 5260 | 1                | 19.10.2015          | 1 <input type="text"/> | - Choose - <input type="text"/> | <input type="text"/>    |

### COMMENTS

Save & next

Exit

# Results

- The sample-specific results can be filled on Analytics view.
- If you have ordered multiple sample sets, the sets can be seen on the top of this view.
- There are own result sheets for each sample. The samples are listed on top of the result form (e.g. S001, S002, S003).

SAMPLE SETS

First Previous 1 Next Last

Sample S001 Sample S002 Sample S003

▼ Results

REPORT TO THE CLINICIAN

|   |                      |
|---|----------------------|
| Report to the clinician                                   | * Choose             |
| Report to the clinician                                   | <input type="text"/> |
| Finding would normally be sent to a reference laboratory? | - Choose             |

Further handling

|                      |          |
|----------------------|----------|
| New sample requested | Choose   |
|                      | - Choose |

CULTURE

| Culture media | Temperature | Colonial appearance | Add |
|---------------|-------------|---------------------|-----|
|---------------|-------------|---------------------|-----|

# Results

- **The first two questions on the form are mandatory.**
- Choose from the dropdown menu (1) your report to the clinician. You can also search for a microbe by writing a part of its name to the field (2). If you cannot find the desired microbe, you may also choose "Other finding" and specify it in the "Comments" field.
- Answer to the question of sending the sample to a reference laboratory.
- The question of further handling is not mandatory.
- Comments and additional information can be recorded in the "Comments" field in the bottom of the result form.

The screenshot shows a web-based form titled "Results" with a blue header. The form is divided into several sections: "REPORT TO THE CLINICIAN", "FURTHER HANDLING", "CULTURE", and "IDENTIFICATION". The "REPORT TO THE CLINICIAN" section contains a mandatory field "Report to the clinician" with a dropdown menu open. A red arrow labeled "1" points to the dropdown menu, and another red arrow labeled "2" points to the search input field within the dropdown. The dropdown menu lists various Candida species, with "Candida albicans" highlighted in yellow. The "CULTURE" section has two input fields for "Culture media" and "Temperature". The "IDENTIFICATION" section is partially visible at the bottom.

| REPORT TO THE CLINICIAN                           |    |
|---|----|
| * Choose  |    |
| Report to the clinician                           | ca |
| Candida albicans                                  |    |
| Candida dubliniensis                              |    |
| Candida famata (syn. Debaryomyces hansenii)       |    |
| Candida glabrata                                  |    |
| Candida guilliermondii                            |    |
| Candida kefyr                                     |    |
| Candida krusei                                    |    |
| Candida lusitaniae (syn. Clavispora stellatoidea) |    |
| Candida norvegensis (syn. Torulopsis norvegica)   |    |
| Candida parapsilosis                              |    |
| Candida rugosa                                    |    |

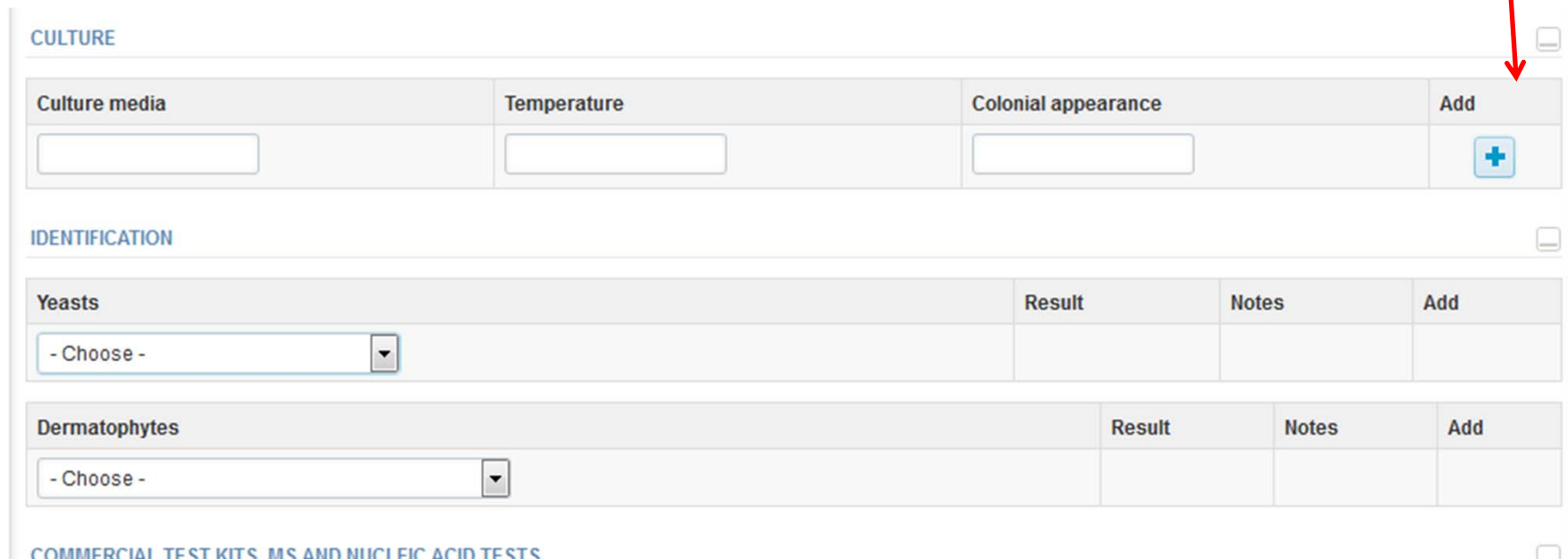
| FURTHER HANDLING     |  |
|----------------------|--|
| New sample requested |  |

| CULTURE              |                      |
|----------------------|----------------------|
| Culture media        | Temperature          |
| <input type="text"/> | <input type="text"/> |

IDENTIFICATION

# Results

- In the "Culture" section you can report the culture media used, culture conditions and colonial appearance. You can report multiple rows. NB! You must save your data by choosing +. Otherwise the data will be lost.
- You can fill in the rest of the form so far you have made findings. Please report only the items, which are important for the identification.
- In the section "Identification" you can report results of identification tests. The tests are chosen from the drop down menu. Remember to save the row by choosing +



The screenshot shows a web form with three main sections: CULTURE, IDENTIFICATION, and COMMERCIAL TEST KITS, MS AND NUCLEIC ACID TESTS. The CULTURE section contains a table with columns for Culture media, Temperature, Colonial appearance, and Add. The IDENTIFICATION section contains two rows for Yeasts and Dermatophytes, each with a dropdown menu for the test name and columns for Result, Notes, and Add. A red arrow points to the '+' button in the Add column of the CULTURE section.

| CULTURE              |                      |                      |                                  |
|----------------------|----------------------|----------------------|----------------------------------|
| Culture media        | Temperature          | Colonial appearance  | Add                              |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="button" value="+"/> |

| IDENTIFICATION                          |        |       |     |
|---|--------|-------|-----|
| Yeasts                                  | Result | Notes | Add |
| <input type="text" value="- Choose -"/> |        |       |     |
| Dermatophytes                           | Result | Notes | Add |
| <input type="text" value="- Choose -"/> |        |       |     |

COMMERCIAL TEST KITS, MS AND NUCLEIC ACID TESTS



# Results

- In the section "Commercial test kits, MS and nucleic acid tests" you can report the results of identification tests. If you cannot find the desired option from the dropdown menu, you may also write "Other finding" and specify it in the "Comments" field. You can report multiple result rows. Save your results by choosing +
- In the section "Morphological features" you can report the morphological findings observed. You can report many result rows. Save your result by choosing +

**COMMERCIAL TEST KITS, MS AND NUCLEIC ACID TESTS**

| Test name and manufacturer | Result (e.g. code, score, %) | Interpretation | Add |
|----------------------------|------------------------------|----------------|-----|
| - Choose -                 |                              |                |     |

**MORPHOLOGICAL FEATURES**

| Yeasts     | Result | Notes | Add |
|------------|--------|-------|-----|
| - Choose - |        |       |     |

| Dermatophytes and moulds | Result | Notes | Add |
|--------------------------|--------|-------|-----|
| - Choose -               |        |       |     |

# Results

- The section "Susceptibility tests" is intended only for yeasts. It is not mandatory to report susceptibility tests.
- Answer the questions regarding culture conditions, endpoint reading and control microbe. Remember to save by choosing + (1)
- Choose the standard that you follow and the antimicrobial agent.
- Report either MIC or disk diffusion method and SIR interpretation.
- **Choose + to save the result and to add a new antimicrobial agent.**
- Continue reporting the results of other antimicrobial agents and answer to possible additional questions.

SUSCEPTIBILITY TESTS (ONLY YEASTS)

| Growth medium        | Inoculum             | Incubation temperature | Incubation time      |
|----------------------|----------------------|------------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/>   | <input type="text"/> |

Endpoint reading

- Choose ▾

| Control microbe      | Code (e.g. ATCC number) | Frequency            | Add                              |
|----------------------|-------------------------|----------------------|----------------------------------|
| <input type="text"/> | <input type="text"/>    | <input type="text"/> | <input type="button" value="+"/> |

| Standard followed in your laboratory | Antimicrobial agent  | MIC method   | MIC method result <sup>1</sup> (µg/mL) | Disk diffusion method, inhibitory zone <sup>1</sup> (mm) | SIR-interpretation <sup>2</sup> | Add                              |
|--------------------------------------|----------------------|--------------|--|--|---------------------------------|----------------------------------|
| CLSI ▾                               | <input type="text"/> | - Choose - ▾ | <input type="text"/><br>µg/mL          | <input type="text"/><br>mm                               | - Choose - ▾                    | <input type="button" value="+"/> |

1

# Results

- You can write additional information and other comments of the samples, tests or result form in the "Comments" field at the end of the page.
- When all the data has been reported, choose "**Save as final**".
- It is possible to edit data by choosing "Edit data".
- "**Next**" will take you to the next sample.
- Report the results for the samples S002 and S003 and choose "**Save as final**" for each sample.

The screenshot shows a form interface with a header bar containing units  $\mu\text{g/mL}$  and  $\text{mm}$ . Below the header is a section labeled "COMMENTS" with a large text input area. At the bottom of the form, there are two buttons: "Save as draft" and "Save as final". The "Save as final" button is highlighted with a red circle.

# Post-analytics

- Next the user is 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
  - **Errors:** if there are reporting 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, Open)

## Fungal culture, September, 3-2015 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     | Teija Häkkinen | 19.10.2015 16:07 | Accepted |
| Fungal culture | 1          | <a href="#">Sample S001</a>  | OK     | Tanja Elo      | 29.10.2015 14:03 | Draft    |
| Fungal culture | 1          | <a href="#">Sample S002</a>  | OK     | Elina Tuovinen | 27.10.2015 14:06 | Accepted |
| Fungal culture | 1          | <a href="#">Sample S003</a>  | OK     | Elina Tuovinen | 27.10.2015 15:14 | Accepted |

Accept and send results

Exit

# Post-analytics

- The results can be edited by selecting the correct sample.
- When all of the statuses 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”**.
- Note: The results can be edited as long as the round is open, even if **“Accept and send results”** has been selected.

## Fungal culture, September, 3-2015 postanalytics

[? Help](#)

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

Validate results

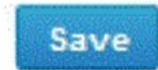
### Validation results

| Product        | Sample set | Sample                       | Errors | Last saved     | Date             | Status   |
|----------------|------------|------------------------------|--------|----------------|------------------|----------|
| Preanalytics   |            | <a href="#">Registration</a> | OK     | Teija Häkkinen | 19.10.2015 16:07 | Accepted |
| Fungal culture | 1          | <a href="#">Sample S001</a>  | OK     | Tanja Elo      | 29.10.2015 14:03 | Draft    |
| Fungal culture | 1          | <a href="#">Sample S002</a>  | OK     | Elina Tuovinen | 27.10.2015 14:06 | Accepted |
| Fungal culture | 1          | <a href="#">Sample S003</a>  | OK     | Elina Tuovinen | 27.10.2015 15:14 | 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



To the Home page

# Questions?

- In case you have questions, please contact:
  - Elina Tuovinen  
[elina.tuovinen@labquality.fi](mailto:elina.tuovinen@labquality.fi)  
+358 9 8566 8214
  - Jonna Pelanti  
[jonna.pelanti@labquality.fi](mailto:jonna.pelanti@labquality.fi)  
+358 9 8566 8211