



5080, 5081

General bacteriology 1 and 2

How to fill in results

# Result reporting in LabScala



My Schemes My registry

LabScala welcomes you ! Help

My EQA

LATEST 3 NOTIFICATIONS

You have no notifications.

MY ROUNDS

Round entry	Closing date	Response Status	Form	Info
Therapeutic drugs (1)				
May, 2014	03.06.2014	Sent	LabScala	
Glucose meters, POC (6)				
May, 2014	04.06.2014	Sent	LabScala	
Myocardial markers (1)				
April, 2014	04.06.2014	Open	Paper	
Tumour Markers (1)				
May, 2014	09.06.2014	Sent	LabScala	
General chemistry, serum B and C (1)				
June, 2014	09.06.2014	Open	Mainio	

Shortcuts & messages

SHORTCUTS

- Fill results
- 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 <https://www.youtube.com/user/LabScala>
- 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.

Choose the correct EQA round on the front page or under "My schemes" and "Fill results"

# 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

## Clinical chemistry: Endocrinology Instru

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

### GENERAL INFO

Welcome to the hormones A scheme of August! If the kit is incomplete,

### SAFETY INFO

Quality control specimens derived from human blood must be handled  
are found to be HBs-Ag and HIV-Ab negative when tested with licenser  
these or other infectious diseases.

### SCHEDULE

Analyze the samples as soon as possible and report the results no later

### SAMPLE INFORMATION

Samples A1 and A2 are lyophilised human sera. The unopened lyophilis  
and A2. Replace the stopper and allow the bottles to stand for 30 minut  
batches. Freeze immediately. A little before analysing, thaw, mix and al  
stable for at least two weeks at -20 °C.

### CONTACT INFO

• Päivi Ranta paivi.ranta@labquality.fi

Print instructions

# 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, cabn be left empty
- Comments can be saved if needed
- Move forward by selecting "Save & next"




## Clinical chemistry: Endocrinology Preanalytics

 Help

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

Sample registration

### ▼ Sample registration

Product	Code	Quantity ordered	Sample arrival date	Quantity received	Sample storage conditions	Sample preparation date
Hormones A, June 2012	2300	5	18.07.2012 	<input type="text" value="7"/>	Refrigerator 	18.07.2012 

### 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
- If the scheme has multiple sample, the samples are listed on top of the result form (e.g. S011, S012 ja S013)

**SAMPLE SETS**

First Previous 1 2 3 **4** 5 6 7 8 9 10 11 Next Last

Sample S011 Sample S012 Sample S013 Sample S014

**▼ Microbe no 1** +

**FINAL ANSWER TO CLINICIAN** ☐

* Finding	* Would be sent to reference lab	* Interpretation of finding
<input type="text"/>		

**SUSCEPTIBILITY TESTS** ☐

* Standard followed in your laboratory	Antimicrobial agent	* Disk diffusion method, inhibitory zone <sup>1</sup> (mm)	MIC method	* MIC method result <sup>1</sup> (µg/mL)	* SIR-interpretation <sup>2</sup>	Add

<sup>1</sup> either disk diffusion or MIC method result is required

<sup>2</sup> report the final interpretation by taking into consideration the possible resistance mechanisms of the microbe

# Results, sample 1

- From the menu (1) choose the desired microbe name for the first finding. The microbe name can also be searched by writing part of the name in the field (2).
- Report also the sending to reference laboratory and the interpretation.

Sample S011   Sample S012   Sample S013   Sample S014

▼ Microbe no 1 +

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding					
<input type="text" value="salmo"/> <span>✕</span> <span>☰</span>							
Aeromonas salmonicida		Antimicrobial	* Disk diffusion method, inhibitory zone <sup>1</sup> (mm)	MIC method	* MIC method result <sup>1</sup> (µg/mL)	* SIR-interpretation <sup>2</sup>	Add
Salmonella Aberdeen							
Salmonella Abony							
Salmonella Adana							
Salmonella Adelaide							
Salmonella Agama							
Salmonella Agona							
Salmonella Ahuza							
Salmonella Alachua							
Salmonella Albany							

required  
consideration the possible resistance mechanisms of the microbe

# Results, sample 1

- Susceptibility results:
- Choose the susceptibility standard and the antimicrobial agent (the search works as in microbe finding). Report the disk or Mic result and the SIR interpretation.
- **Choose + (1) on the right to save the result and to add a new agent.**
- Report all the used antimicrobial agents.

Sample S011   Sample S012   Sample S013   Sample S014

Microbe no 1

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Salmonella Abony	No	Possible pathogen

SUSCEPTIBILITY TESTS


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

<sup>1</sup> either disk diffusion or MIC method  
<sup>2</sup> report the final interpretation

COMMENTS

possible resistance mechanisms of the microbe

Amikacin  
Amoxicillin  
Amoxicillin-clavulanate  
Ampicillin  
Ampicillin-sulbactam  
Augmentin





# Results, sample 1

- If you want to report second / next microbe, choose + (1)
- When all data has been reported, choose "Save as final".

▼ Microbe no 1 + 1

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Salmonella Abony <input type="text"/>	No <input type="text"/>	Possible pathogen <input type="text"/>

SUSCEPTIBILITY TESTS

* Standard followed in your laboratory	* Antimicrobial agent	* Disk diffusion method, inhibitory zone <sup>1</sup> (mm)	MIC method	* MIC method result <sup>1</sup> (µg/mL)	* SIR-interpretation <sup>2</sup>	Add
EUCAST	Amikacin	10 mm			Sensitive	<input type="text"/>
EUCAST	Doxycycline		Vitek (BioMerieux)	40 µg/mL	Sensitive	<input type="text"/>
- Choose -						

<sup>1</sup> either disk diffusion or MIC method result is required  
<sup>2</sup> report the final interpretation by taking into consideration the possible resistance mechanisms of the microbe

COMMENTS

# Results, sample 1

- If needed you are able to edit data by choosing "Edit data".
- Choose "Next" to report results for next sample.

Sample S011   Sample S012   Sample S013   Sample S014

▼ Microbe no 1

**FINAL ANSWER TO CLINICIAN**

* Finding	* Would be sent to reference lab	* Interpretation of finding
Salmonella Abony	No	Possible pathogen

**SUSCEPTIBILITY TESTS**

* Standard followed in your laboratory	* Antimicrobial agent	* Disk diffusion method, inhibitory zone <sup>1</sup> (mm)	MIC method	* MIC method result <sup>1</sup> (µg/mL)	* SIR-interpretation <sup>2</sup>	Add
EUCAST	Amikacin	10 mm			Sensitive	
EUCAST	Doxycycline		Vitek (BioMerieux)	40 µg/mL	Sensitive	

<sup>1</sup> either disk diffusion or MIC method result is required  
<sup>2</sup> report the final interpretation by taking into consideration the possible resistance mechanisms of the microbe

**COMMENTS**

Back to list [Edit data](#)

Next

0

# Results, sample 2

- Choose the microbe finding and answer the questions.
- If needed add the next finding be choosing +

SAMPLE SETS

First Previous 1 2 3 4 5 6 7 8 9 10 11 Next Last

Sample S011 Sample S012 Sample S013 Sample S014

▼ Microbe no 1 +

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
<input type="text" value="kleb"/> <input type="button" value="x"/> <input type="button" value="list"/>		
<b>Klebsiella ornithinolytica</b>		
<b>Klebsiella oxytoca</b>		
<b>Klebsiella ozaenae</b>		
<b>Klebsiella planticola</b>		
<b>Klebsiella pneumoniae</b>		
<b>Klebsiella rhinosderomatis</b>		
<b>Klebsiella sp.</b>		

[Back to list](#) [Clear all page data](#) [Save as draft](#) [Save as final](#)

# Results, sample 2

- By clicking the blue microbe row the reported finding will appear.
- When all findings are reported choose "Save as final".

Sample S011   Sample S012   Sample S013   Sample S014

▼ Microbe no 1 +

▼ Microbe no 2 + ×

▼ Microbe no 3 + ×

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Clostridium perfringens <input type="text"/> × <input type="button" value="⋮"/>	Yes <input type="text"/> ▼	Significant pathogen <input type="text"/> ▼

COMMENTS

[Back to list](#) [Clear all page data](#) [Save as draft](#) [Save as final](#)

# Results, sample 2

- "Next" will leads to next sample (5080) or to the "Post-analytics" (5081), slide 17.

Sample S011   Sample S012   Sample S013   Sample S014

▼ Microbe no 1

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Klebsiella oxytoca	Yes	Possible pathogen

COMMENTS

▼ Microbe no 2

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Peptostreptococcus sp.	No	Possible pathogen

COMMENTS

▼ Microbe no 3

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Clostridium perfringens	Yes	Significant pathogen

COMMENTS

Back to list   Edit data   [Next](#)

# Results, sample 3 and 4

- Report the first finding and answer the questions.

Sample S011   Sample S012   **Sample S013**   Sample S014

▼ Microbe no 1 +

FINAL ANSWER TO CLINICIAN ☐

* Finding	* Would be sent to reference lab	* Interpretation of finding
<input type="text" value="strep"/> <span style="float: right;">✕ ☰</span> Anaerococcus (syn. Peptostreptococcus) prevotii Peptostreptococcus sp. Peptostreptococcus anaerobius Peptostreptococcus asaccharolyticus Peptostreptococcus hydrogenalis Peptostreptococcus indolicus Peptostreptococcus lacrimalis Peptostreptococcus lactolyticus Peptostreptococcus productus Peptostreptococcus tetradius		
ANALYZERS		

Back to list   Clear all page data Save as draft   **Save as final**

# Results, sample 3 and 4

- Report your results for used identification tests and **save by choosing +**
- You can write comments / specifications on "Comments" field.

Sample S011   Sample S012   Sample S013   Sample S014

▼ Microbe no 1 +

**FINAL ANSWER TO CLINICIAN**

* Finding	* Would be sent to reference lab	* Interpretation of finding
Streptococcus anginosus <input type="text"/>	No <input type="text"/>	Possible pathogen <input type="text"/>

**IDENTIFICATION TESTS**

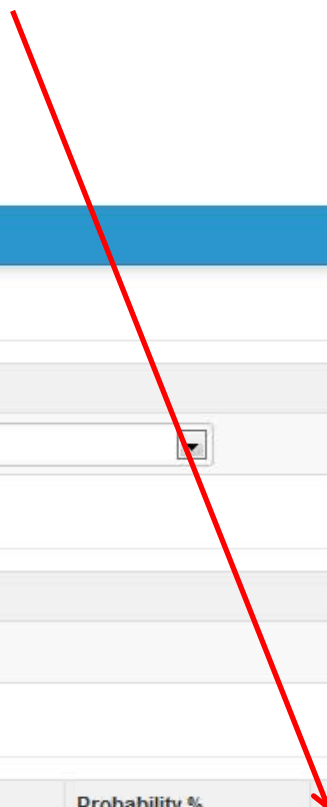
Gram stain result

**BIOCHEMICAL IDENTIFICATION TEST KITS AND ANALYZERS**

Commercial identification kits and analyzers	Profile number	* Identification	Probability %	Add
VITEK 2 <input type="text"/>	<input type="text"/>	Streptococcus angino: <input type="text"/>	96 <input type="text"/> %	<input type="button" value="+"/>

**NUCLEIC ACID DETECTION**

Method	* Result	Add
- Choose - <input type="text"/>	<input type="text"/>	<input type="text"/>



# Results, sample 3 and 4

- If needed add the next finding by choosing +
- Finally choose "Save as final" to save the reported findings and results.

Sample S011   Sample S012   Sample S013   Sample S014

▼ Microbe no 1 +

FINAL ANSWER TO CLINICIAN

* Finding	* Would be sent to reference lab	* Interpretation of finding
Streptococcus anginosus <input type="text"/> <input type="button" value="x"/> <input type="button" value="☰"/>	No <input type="button" value="v"/>	Possible pathogen <input type="button" value="v"/>

IDENTIFICATION TESTS

Gram stain result

BIOCHEMICAL IDENTIFICATION TEST KITS AND ANALYZERS

Commercial identification kits and analyzers	Profile number	* Identification	Probability %	Add
VITEK 2		Streptococcus anginosus	96 %	<input type="button" value="✎"/> <input type="button" value="x"/>
<input type="text"/> <input type="button" value="☰"/>		<input type="text"/> <input type="button" value="☰"/>		

NUCLEIC ACID DETECTION



# 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)

## ▼ Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Preanalytics		Registration	OK	Häkkinen, Teija	30.04.2014 15:14	Accepted
Form test product 1	1	Sample S011	OK	Häkkinen, Teija	30.05.2014 16:52	Accepted
Form test product 1	1	Sample S012	OK	Häkkinen, Teija	30.05.2014 17:23	Accepted
Form test product 1	1	Sample S013	OK	Häkkinen, Teija	02.06.2014 10:30	Accepted
Form test product 1	1	Sample S014	Form "Microbe no 1" has incorrect result value. "Would be sent to reference lab" value is mandatory. Form "Microbe no 1" has incorrect result value. "Interpretation of finding" value is mandatory.	Häkkinen, Teija	02.06.2014 15:02	Error

# 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.

## ▼ Validation results

Product	Sample set	Sample	Errors	Last saved	Date	Status
Preanalytics		Registration	OK	Häkkinen, Teija	30.04.2014 15:14	Accepted
Form test product 1	1	Sample S011	OK	Häkkinen, Teija	30.05.2014 16:52	Accepted
Form test product 1	1	Sample S012	OK	Häkkinen, Teija	30.05.2014 17:23	Accepted
Form test product 1	1	Sample S013	OK	Häkkinen, Teija	02.06.2014 10:30	Accepted
Form test product 1	1	Sample S014	OK	Häkkinen, Teija	02.06.2014 15:04	Accepted
Form test product 1	2	Sample S011	OK	Häkkinen, Teija	02.06.2014 11:38	Accepted
Form test product 1	2	Sample S012	OK	Häkkinen, Teija	02.06.2014 11:38	Accepted
Form test product 1	2	Sample S013	OK	Häkkinen, Teija	02.06.2014 12:52	Accepted
Form test product 1	2	Sample S014	OK	Häkkinen, Teija	02.06.2014 12:58	Accepted

# LabScala buttons



Save

Enables you to save changes on the form



Back

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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