



How to fill in results
Respiratory infections multiplex,
nucleic acid detection

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: First report the number of findings identified in the specimen. Then choose correct pos/neg interpretation and test method for each analyte. Fill in the test result (Ct value).
6. Save as final. Move to next specimen by choosing Next.
7. Finally, validate your results or if needed update them. Choose Accept and send results.

Result reporting

The screenshot shows the LabScala web application interface. The top navigation bar includes 'My Orders', 'My Schemes' (highlighted with a red circle), 'My Registry', 'My Documents', and 'Administration'. Below the navigation bar, there are two main sections: 'My EQA & shortcuts' and 'Reports & messages'.

In the 'My EQA & shortcuts' section, there is a 'SHORTCUTS' area with links like 'Place orders', 'Go to Mainio', 'Fill results (Mainio)', and 'Delivery calendar'. Below this is a 'MY ROUNDS' table.

Round entry	Closing date	Response Status	Form	Info
Leukocyte differential count, 5-part (18)				
March, 1-2018	06.04.2018	Not sent	LabScala	⚠
Norovirus, nucleic acid detection (2)				
March, 1-2018	12.04.2018	Not sent	LabScala	
Helicobacter pylori, antibodies (2)				
March, 1-2018	12.04.2018	Not sent	LabScala	⚠
Helicobacter pylori, antigen detection in faeces (2)				
March, 1-2018	12.04.2018	Not sent	LabScala	⚠
Synovial fluid crystals (2)				
March, 1-2018	24.04.2018	Not sent	LabScala	

At the bottom of the table, there is a 'View all' link.

In the 'Reports & messages' section, there is a 'MY REPORTS' area with a 'Report' button and a download icon.

Two callout boxes provide additional information:

- Choose correct EQA round on the front page or by choosing My Schemes, Fill results
- In the view of the next 5 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

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. Respiratory infections multiplex, nucleic acid detection (2) means 2 sets of samples ordered)
 - **Instructions:** Scheme specific instructions can be read and printed
 - **Pre-analytics:** Sample arrival date, quantity received, sample storage conditions etc.
 - **Analytics:** Analyte specific results can be filled
 - **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 Respiratory infections multiplex, nucleic acid detection, May, 1-2018 analysis




[LabScala User instructions](#)

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

MY ORDERS



Product	Delivery	Opening	Closing	Status	Form
Respiratory infections multiplex, nucleic acid detection(2)					
	08.05.2018	08.05.2018	01.06.2018	Ordered	LabScala

MY SCHEME SPECIFIC CONTACTS

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

► Coordinator contact information

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




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

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
Respiratory infections multiplex, nucleic acid detection, May, 1-2018	Yes	5300	2	03.05.2018 	<input type="text" value="2"/>	+2 ... +8 C 	<input type="text" value=""/> 

COMMENTS

Save & next

Exit

Pre-analytics – Test selection

- Report the measurement date, test selection (tick the box) and method. This information is transferred automatically to each sample and to the next round.
- You can change this information sample-wise or return to this page in order to change the information for all samples.

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

Sample registration

Test selection

▼ 5300 - Respiratory infections multiplex, nucleic acid detection

Measurement date	Analyte	In test selection	Method
03.06.2019	Adenovirus	<input checked="" type="checkbox"/>	bioMerieux FilmArray Pneumonia F <input type="button" value="X"/> <input type="button" value="⋮"/>
03.06.2019	Bordetella parapertussis	<input type="checkbox"/>	<input type="text"/> <input type="button" value="⋮"/>
03.06.2019	Bordetella pertussis	<input type="checkbox"/>	<input type="text"/> <input type="button" value="⋮"/>
03.06.2019	Chlamydia pneumoniae	<input checked="" type="checkbox"/>	bioMerieux FilmArray Pneumonia F <input type="button" value="X"/> <input type="button" value="⋮"/>
03.06.2019	Coronavirus	<input checked="" type="checkbox"/>	bioMerieux FilmArray Pneumonia F <input type="button" value="X"/> <input type="button" value="⋮"/>
03.06.2019	Enterovirus	<input type="checkbox"/>	<input type="text"/> <input type="button" value="⋮"/>
03.06.2019	Enterovirus/rhinovirus	<input checked="" type="checkbox"/>	bioMerieux FilmArray Pneumonia F <input type="button" value="X"/> <input type="button" value="⋮"/>
03.06.2019	Influenzavirus A	<input checked="" type="checkbox"/>	bioMerieux FilmArray Pneumonia F <input type="button" value="X"/> <input type="button" value="⋮"/>
03.06.2019	Influenzavirus B	<input checked="" type="checkbox"/>	bioMerieux FilmArray Pneumonia F <input type="button" value="X"/> <input type="button" value="⋮"/>

Results – how to start

- If you have ordered multiple sample sets, the sets can be seen on the top of this view
- If the scheme has multiple samples, the samples are listed on top of the result form (e.g. S001, S002, S003 and S004)
- First, report the number of pathogenic findings that were identified from the specimen.

Specimen S001Specimen S002Specimen S003Specimen S004

▼ Results

Number of pathogenic findings

-choose -

-choose -

Negative sample, no pathogens detected

Positive sample, 1 pathogen detected

Positive sample, 2 pathogens detected

Positive sample, 3 pathogens detected

Positive sample, 4 or more pathogens detected

Interpretation cannot be given

* Interpretation

Interpretation

Result and unit

* Measurement date

Analyte

03.06.2019

Adenovirus

03.06.2019

Bordetella parapertussis

03.06.2019

Bordetella pertussis

03.06.2019

Chlamydia pneumoniae

03.06.2019

Coronavirus

03.06.2019

Enterovirus

03.06.2019

Enterovirus/rhinovirus

bioMerieux FilmArray Pneu

bioMerieux FilmArray Pneu

bioMerieux FilmArray Pneu

-choose -

-choose -

Not in test selection

-choose -

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Results – Interpretations

- Report the interpretation of each pathogen separately and the test result (e.g. Ct value). If you wish, you may copy e.g. interpretation “negative” to all analytes and then change the deviating results.
 - The analytes which were not ticked as “In test selection” in the Test selection tab are automatically marked as “Not in test selection” in the Analytics page.
 - If the pathogen is routinely tested in your laboratory, but the test has not been performed for one reason or another, please select “**No result**”.
 - If the test has been performed but it is not possible to give an interpretation, please select “**Invalid/unclear test result**”
 - You can give additional information in the comments field at the bottom of the page.

Specimen S001
Specimen S002
Specimen S003
Specimen S004

▼ Results

		* Interpretation		
Number of pathogenic findings		Negative sample, no pathogens detected ▼		
* Measurement date	Analyte	* Method	* Interpretation	Result and unit
03.06.2019	Adenovirus	bioMerieux FilmArray Pneu	-choose - ▼	
03.06.2019	Bordetella parapertussis		-choose -	
03.06.2019	Bordetella pertussis		Negative	
03.06.2019	Chlamydia pneumoniae	bioMerieux FilmArray Pneu	Weak positive	
03.06.2019	Coronavirus	bioMerieux FilmArray Pneu	Positive	
03.06.2019	Enterovirus		Invalid/unclear test result	
			No test result	
			Not in test selection	
			Not in test selection ▼	

Results

- Finally, select
 - **"Save as final"** if you consider your results as ready. You can still edit your results after saving as final.
 - "Save as draft" if you do not yet want to send in the results.

03.06.2019	Influenzavirus B	bioMerieux FilmArray Pneu	Negative	
03.06.2019	Metapneumovirus	bioMerieux FilmArray Pneu	Negative	
03.06.2019	Mycoplasma pneumoniae	bioMerieux FilmArray Pneu	Negative	
03.06.2019	Parainfluenza	bioMerieux FilmArray Pneu	Negative	
03.06.2019	Parainfluenzavirus 1		Not in test selection	
03.06.2019	Parainfluenzavirus 2		Not in test selection	
03.06.2019	Parainfluenzavirus 3		Not in test selection	
03.06.2019	Parainfluenzavirus 4		Not in test selection	
03.06.2019	Rhinovirus		Not in test selection	
03.06.2019	RSV	bioMerieux FilmArray Pneu	Negative	
03.06.2019	RSV A		Not in test selection	
03.06.2019	RSV B		Not in test selection	

COMMENTS

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

Results

- After Save as final you can move to next sample by choosing **Next**
- You can re-open the sample by choosing Edit data or print your results by choosing print

03.06.2019	Mycoplasma pneumoniae	bioMerieux FilmArray Pneumonia Panel plus	Negative	
03.06.2019	Parainfluenza	bioMerieux FilmArray Pneumonia Panel plus	Negative	
03.06.2019	Parainfluenzavirus 1		Not in test selection	
03.06.2019	Parainfluenzavirus 2		Not in test selection	
03.06.2019	Parainfluenzavirus 3		Not in test selection	
03.06.2019	Parainfluenzavirus 4		Not in test selection	
03.06.2019	Rhinovirus		Not in test selection	
03.06.2019	RSV	bioMerieux FilmArray Pneumonia Panel plus	Negative	
03.06.2019	RSV A		Not in test selection	
03.06.2019	RSV B		Not in test selection	

COMMENTS

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

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 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)

▼ Validation results						
Product	Sample set	Sample	Errors	Last saved	Date	Status
Respiratory infections multiplex, nucleic acid detection	1	Specimen S001	OK	Jaana Paakkanen	07.05.2018 14:27	Accepted
Respiratory infections multiplex, nucleic acid detection	1	Specimen S002	OK	Jaana Paakkanen	07.05.2018 12:50	Accepted
Respiratory infections multiplex, nucleic acid detection	1	Specimen S003	OK	Jaana Paakkanen	07.05.2018 12:48	Accepted
Respiratory infections multiplex, nucleic acid detection	1	Specimen S004	Row "RSV B" is incorrect. "Interpretation" is mandatory in form "Results 1".	Jaana Paakkanen	07.05.2018 14:28	Error
Respiratory infections multiplex, nucleic acid detection	2	Specimen S001	OK	Jaana Paakkanen	07.05.2018 14:28	Open
Respiratory infections multiplex, nucleic acid detection	2	Specimen S002	OK	Jaana Paakkanen	07.05.2018 14:28	Open
Respiratory infections multiplex, nucleic acid detection	2	Specimen S003	OK	Jaana Paakkanen	07.05.2018 14:28	Open
Respiratory infections multiplex, nucleic acid detection	2	Specimen S004	OK	Jaana Paakkanen	07.05.2018 14:28	Open

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

Respiratory infections multiplex, nucleic acid detection	2	Specimen S001	OK	Jaana Paakkanen	07.05.2018 14:57	Accepted
Respiratory infections multiplex, nucleic acid detection	2	Specimen S002	OK	Jaana Paakkanen	07.05.2018 14:59	Accepted
Respiratory infections multiplex, nucleic acid detection	2	Specimen S003	OK	Jaana Paakkanen	07.05.2018 15:02	Accepted
Respiratory infections multiplex, nucleic acid detection	2	Specimen S004	OK	Jaana Paakkanen	07.05.2018 15:03	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:
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