

## **TITLE:** Reviewing Results on the Echo Analyzer

**PRINCIPLE:** This procedure provides instructions for viewing, approving, exporting, and editing results on the Echo Analyzer. Only the Clinical Laboratory Technical Specialist/designee have access to edit a result on the ECHO.

**CLINICAL SIGNIFICANCE**: Provides instructions for viewing, approving, exporting and editing results on the Echo, so results can be viewed, approved, exported or edited. Only the Clinical Laboratory Technical Specialist/designee have access to edit a result on the ECHO.

The diagram below illustrates commonly used symbols, including a description of the meaning of the symbols.



PERSONNEL: Medical Technologist

SPECIMEN COLLECTION: Not Applicable

#### **REAGENTS AND EQUIPMENT: Equipment:**

1. Echo Lumena Analyzer

**QUALITY CONTROL:** None Indicated

#### **STEPWISE PROCEDURE:**

To view test results:

a. Double-click the sample ID listed in the **Results Panel** to display the report for that sample.

# **Q**RUSH

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	🐹 🗸 🗈
Tues	day, January 30, 2007
BG	roup Screen
	? 9508434 - Pending
	? 7000621 - Pending
	? 7000625 - Pending
	2 6210776 - Pending
	? 8616452 - Pending
	? 8217164 - Pending
	? 3082675 - Pending
	- ? 5034760 - Pending
8.9	creen
	WB corQC 1 - Positive
	WB corQC 2 - Positive
	WB corQC 3 - Negative
	WB corQC 4 - Negative
= 0	roup
	WB corQC 1 - A Pos
	WB corQC 2 - B Neg
	WB corQC 3 - O Pos
	WB corQC 4 - O Pos

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b. Single-click (or press) the sample (or batch) ID in the Results

**Panel** and press the **Display Results** button on the **Results** Bar to display the report that sample or batch.

	Description
	<b>Display Results</b> – Used to select a batch or sample ID from the menu. Pressing the button displays results.
×	<b>Edit Results</b> – Used to view and edit reactions on equivocal results.
$\checkmark$	Approve Results – Used to approve results for export.
<b>*</b>	Export Results – Used to export results to LIS.

- 2. To approve test results:
  - a. Select the result or batch from the **Results Panel**.
  - b. Press the **Approve Results** button on the **Results Bar** to approve the selected results.

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c. Press the **Approve Results** button on the **Results Bar** to approve the selected results.



e. Approve Results button

An information balloon message is displayed briefly to indicate that the selected result was approved.



- g. Information balloon message showing approval for a selected result
- h. The approve symbol appears next to the approved results in the **Results Panel**.
- $\checkmark$

f.

Approved Result symbol

j. Press the **Approve Results** button on the **Results Bar** for a second time to deselect results that were erroneously approved initially.

## 3. To Edit Test Results: Only Clinical Laboratory Technical Specialist/designee have access to edit a result on the ECHO

1. Select the result in question from the **Results Panel** and then press the **Edit Results** button on the **Results Bar** to edit result.



Edit Results button. The Edit results window appears for the sample in question. You can then modify the result by first selecting the well result in question (by highlighting with the blue line) and then selecting the new grade from the Revised grade: drop-down list. A comment is required when a result is edited, and this must be entered into the Comment for revised grade: field.



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. Press the **Close** button to close and save. Only equivocal (?) results can be edited by the Clinical Laboratory Technical Specialist/designee

rip	Well	Description	Original Grade	Revised Grade
1	1	R-ID 1	0	~
1	2	R-ID 2	0	
1	3	R-ID 3	0	
1	4	R-ID 4	0	
1	5	R-ID 5	0	
1	6	R-ID 6	0	
1	7	R-ID 7	0	
1	8	R-ID 8	2	1+
2	1	R-ID 9	0	
2	2	R-ID 10	0	-
2	3	R-ID 11	0	
2	4	R-ID 12	0	
2	5	R-ID 13	0	Y
Sel	ected	wel		
0	rrent	grade: 1+		
				-
Re	vised	grade: 1+		-

Edit results window

Note: Control wells and QC results cannot be edited.

3. The edit symbol appears next to the edited results in the **Results Panel**.



Edited Result symbol

#### 4. To Export Test Results

- 1. Select the result or batch from the **Results Panel**.
- 2. With the LIS switched on and active, press the **Export Results** button on the **Results Bar** to export results.



#### Export Results button

The export symbol appears next to the exported results in the **Results Panel**.





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## Exported Results symbol

Results can be exported more than once. However, if the export is performed more than once, you will be required to respond to a confirmation dialog asking if you wish to export the result again.

Confirm	(7530)
?	The selected sample has already been exported. Are you sure you wish to export the results again?

Repeat export confirmation dialog

- 5. Alternative method to view, edit, approve, and export results:
  - a. Select the sample ID in the results tree of the **Results Panel**, hold the cursor over that required ID and then right-click over that sample ID.
  - b. Click to select View, Edit, Approve, or Export when the submenu is displayed. The view, edit, approve, or export results function for the selected sample ID is accessed by selecting the appropriate submenu item. Note: only the Clinical Laboratory Technical Specialist/designee have access to edit.





## Rush Copley Medical Center REPORTING AND INTERPRETING RESULTS:

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Select a sample from the **Results Panel** to display its report by double-clicking the sample ID listed in the **Results Panel** (or by using the **Display Results** button on the **Results Bar** as described in the next section). The following image displays an example of a report.

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PROCEDURAL NOTES: Not applicable

## **REFERENCE:**

1. Immucor, Inc. (2017). *Echo Lumena Operator Manual*. ECL-003-100. Norcross, GA.