

**EVOLIS RETESTING SAMPLES**

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|---------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------|
| <input checked="" type="checkbox"/> St. Joseph Medical Center, Tacoma, WA | <input type="checkbox"/> St. Anthony Hospital Gig Harbor, WA | <input type="checkbox"/> Harrison Medical Center, Bremerton, WA  |
| <input type="checkbox"/> St. Francis Hospital, Federal Way, WA            | <input type="checkbox"/> St. Elizabeth Hospital Enumclaw, WA | <input type="checkbox"/> Harrison Medical Center, Silverdale, WA |
| <input type="checkbox"/> St. Clare Hospital Lakewood, WA                  | <input type="checkbox"/> Highline Medical Center Burien, WA  | <input type="checkbox"/> PSC                                     |

**PURPOSE**

To provide instructions on retesting patient samples using the Evolis instrument.

**BACKGROUND**

When a Results Report is generated, the system will evaluate the results of the assay kit controls to determine if the assay validation criteria have been met. If the assay plate is invalid, sample results are not reported.

The system requires that all patient samples on failed plates be retested. On a successful assay plate, some individual samples may fail processing (for example, if a clot is detected) and these are indicated by a WARNING message or flag. Results are not generated for these samples and the system requires that these samples be retested.

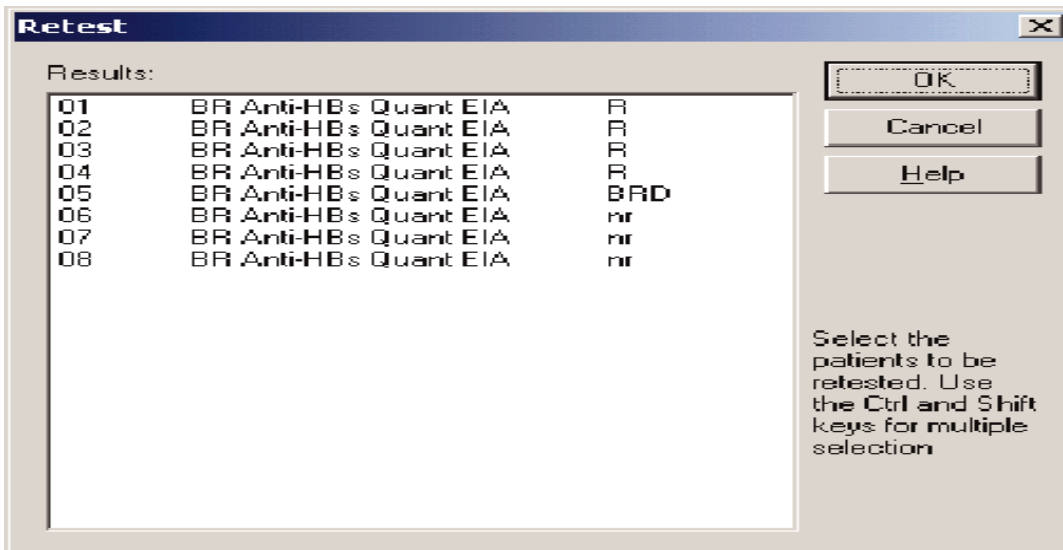
Additionally, some assay algorithms e.g. HBsAg, Syphilis etc require that initial reactive samples be repeated in duplicate. Refer to the work instructions of any assay to be retested and review the reporting results section of the assays procedures.

To select and program samples for retesting, perform the following steps.

**STEPS**

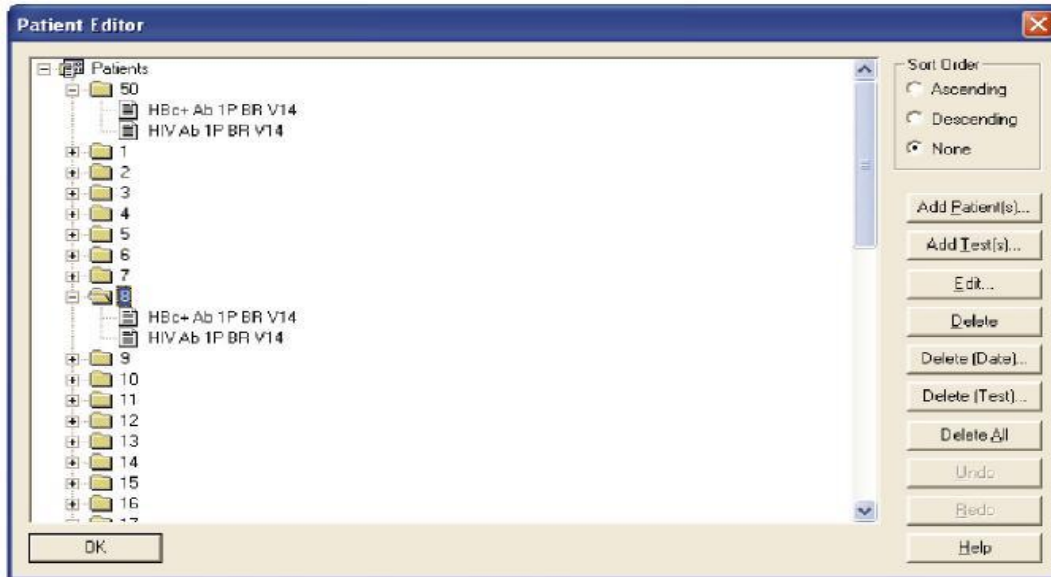
1. The Result Report screen for this assay plate must be displayed. Select the Edit / Retest from the menu bar, a result list of samples that need to be retested will be displayed by the instrument. See an example of the Retest dialog box below.

**Assign Retest Dialog Box**



2. To select discrete samples, from the result list, click on the first patient sample to be retested, hold the CTRL key while clicking additional patient samples to highlight them.
3. To select a series of samples for retesting, click on the first patient ID to highlight it. Hold the SHIFT key while selecting additional patient samples.
4. Click the OK button. Proceed to the Utilities / Patient Details function to verify that the desired patient IDs have been returned to the patient editor database. See an example below.
5. Create a new worklist to process the selected samples.

### Patient Editor Database Screen



### REFERENCES

Bio-rad Evolis Operator Manual, Bio-rad Laboratory, Redmond, WA

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|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------|
| <b>DOCUMENT APPROVAL Purpose of Document / Reason for Change:</b>                                                                                       |                                                                                                                                                         |                                                                   |         |
| Formatting, wording changed in Step 1                                                                                                                   |                                                                                                                                                         |                                                                   |         |
| <input type="checkbox"/> No significant change to process in above revision. Per CAP, this revision does not require further Medical Director approval. |                                                                                                                                                         |                                                                   |         |
| <b>Committee Approval Date</b>                                                                                                                          | <input type="checkbox"/> Date:<br><input checked="" type="checkbox"/> N/A – revision of department-specific document which is used at only one facility | <b>Medical Director Approval</b><br><i>(Electronic Signature)</i> | 9/25/15 |