**Hepatitis B Surface Antigen Confirmatory Testing Made Simple**

**RULE #1 – IF YOU AREN’T SURE, DON’T REPORT! Ask for help!**

Original order for specimen is for Hepatitis B Surface Antigen, our code **HBS**

Centaur will run the assay and there are 3 possible outcomes:

1. **Non – Reactive**. This is when the **Index value** from the Centaur falls **below 1.00**. You may report this.
2. **Reactive**. Immediately, **you will need to look at the Centaur’s Index value**. If it is **over 50.00**, you may **report Reactive**. You will also need to record in our reportable disease log book and call the Health Dept.
3. **Reactive, In Check Range**. This will be the condition that triggers the re-spin, rerun message that you see in Beaker. It will be reactive initially with a **Centaur Index value of** **≥ 1.00 to ≤ 50.00.** Re-spin and put back on the Centaur for the two additional repeats. **STOP and look at the Centaur. DO NOT USE BEAKER ONLY IN MAKING THE NEXT DECISION**. If you see **CONF DISPLAYED**, the **Centaur has automatically scheduled the confirmation**. So, put the specimen back on the analyzer. **YOU MUST NOW RUN THE HBSPS CONTROL** for the confirmation assay, but you will need to **turn the barcode around** & **manually schedule it** **as a patient for CONF. Give it the name HBSPOSCONF**. You may use schedule by rack, position OR schedule by sample ID and when it can’t be read, type in the name.
4. Possible values for the **confirmation assay** are as follows:

**Not Confirmed.** This may be reported out as **Non-Reactive**.

**Confirmed**. This may now be **reported as Reactive** with the followup call and documentation.

**Re-Dilute**. You will now need to **schedule the sample for** **the confirmation test**, open the **dilution tab** and choose **1:50, diluted only**. Possible outcomes are Confirmed –report with followup, Not Confirmed –report as Non-Reactive, OR again Re-dilute. If it is **Re-Dilute again**, manually **schedule the sample for the confirmation test**, open the **dilution tab** and choose **1:2500, diluted only**. Possible outcomes are Confirmed – report with followup, Not Confirmed – report as Non-Reactive, OR Invalid.

**Invalid**. Should you encounter an Invalid assay, you will **report as Indeterminate** using the **comment section in Beaker, call and document a request for a new specimen.**