Beaumont HEALTH

Beaumont Laboratory
Royal Oak

Sample Handling of Positive HIV Samples

Architect: **HIV4G**: Results will transmit to SOFT but will not populate on the Instrument Menu. They will auto post and not verify. The result will be posted on Royal Oak pending list ROHVC.

HIVOB/HSPP: Results will transmit to SOFT and will be listed on the Instrument Menu. Use the Lab Results Tab at the bottom to complete the CALTO box. Save and Verify All – results will be released as Uncon Reactive. The results will be posted and verified on Royal Oak pending list ROHVC.

Possible Geenius Conclusions

1. HIV-1 Positive	1. HIV-1 Negative 2. HIV-1 Indeterminate	1. HIV-2 Positive with HIV-1 cross-reactivity 2. HIV Positive Untypable 3. HIV Indeterminate 4. HIV-2 Indeterminate (Process Both)	1. HIV-2 Positive

- **POST** and **VERIFY** results in SOFT from resulting worklist ROHVC or Order Entry
- Save one labeled 0.5 mL aliquot for Beaumont in HIV Rack in silver freezer

- Prep one aliquot (minimum 1mL) in send-out screw top tube. Identify with LABCORP send-out stickers for "HIV-1 RNA Qualitative to LABCORP"
- Fill out Send-out Log Located by the Geenius
- Take sample to Send-out Lab if open
- If Send-outs is closed, take specimen to front processing fridge and place in rack labeled "HIV-1 RNA Qual Samples(Serum)"
- Save one labeled 0.5 mL aliquot for Beaumont in HIV Rack in silver freezer if sample volume allows

- An EDTA whole blood sample obtained from Stat Lab or Hematology (1.0 ml) should be sent to Quest Diagnostics for HIV-2 DNA/RNA.
- Take sample to Send-out Lab if open
- If Send-outs is closed, take specimen to front processing fridge and place in rack labeled "HIV-2 DNA Qual Samples(EDTA)"

Geenius: In "Resulting Worklist ROHVC" or "Order Entry" **SAVE** but do **NOT** verify

Email **ALL 4:** Dr. Sykes, Dr. Kennedy, Ashley Hurand and Joel Waddington

Include: Patient Name and MRN, Date Drawn and Date Specimen was Placed in Send out Refrigerator

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- See back of form for Example of Geenius Printout