

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

(R) = Geenius Testing must be Repeated 1x before reporting out an Indeterminate result

1. HIV-1 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

1. HIV Antibody Negative 2. HIV-1 Indeterminate

- 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

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

- 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.
- 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-2 DNA Qual Samples(EDTA)"

1. HIV-2 Positive

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

- See back of form for Example of Geenius Printout

Email ALL 4: Dr. Sykes, Dr. Kennedy, Ashley Hurand and Samantha Aldrich

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Include in the Email:

Name: Doe, John R
MRN: 1234567
Order Number: A9876543
Architect HIVRO Result: 6.78
Geenius Conclusion: HIV Antibody Negative
Specimen collected: 01/01/2020
Date in Send-outs fridge: 01/01/2020 @ 2300