

HIV-2 Qualitative, Real-Time PCR

Ordering Mnemonic:	3650, HIV-2 by PCR, Qual
Methodology:	Real-time polymerase chain reaction
Preferred Specimen:	Whole blood, EDTA (Lavender top)
Minimum Specimen Volume:	0.4 mL whole blood
Transport:	Refrigerated, to arrive within 24 hours from collection
Reject Due to:	Frozen; heparinized; hemolysis

When to order the **HIV-2 Qualitative, Real-time PCR Test**:

- The initial HIV -1/HIV-2 test results are:
 - HIV-1/HIV-2 EIA Screen: **Reactive**
 - HIV-1/HIV-2 Differentiation Test: **Non-reactive**
Interpretation: Inconclusive. Reactive HIV-1/HIV-2 screen result could not be confirmed by the differentiation test; may be due to acute or early infection or false positive screen. Recommend repeat HIV antigen/antibody testing and HIV-1 RNA testing.
- **AND** the HIV-1 RNA Qualitative TMA test was negative.

OR

- The initial HIV-1/HIV-2 test results are:
 - HIV EIA Screen: **Reactive**
 - HIV-1/HIV-2 Differentiation Test: **HIV-1 and HIV-2 Reactive, Undifferentiated**
Interpretation: Evidence of HIV infection is present but unable to differentiate antibodies as HIV-1 or HIV-2; recommend referral testing for HIV-1 RNA and HIV-2 RNA or DNA to verify or rule-out dual infection.
- **AND** the HIV-1 RNA Qualitative TMA test was negative.

OR

- The initial HIV-1/HIV-2 test results are:
 - HIV EIA Screen: **Non-reactive**
- **AND** acute HIV infection is suspected
- **AND** the HIV-1 RNA Qualitative TMA test was negative.

OR

- Determined as appropriate by the HIV/STD Division.

1. The HIV-2 Qualitative Real-Time PCR test requires **pre-approval by the HIV/STD Division**.
2. If testing is found to be appropriate, the HIV/STD Division will provide you with a test requisition form for the OSDH-contracted referral laboratory - **Clinical Pathology Laboratories (CPL)**.
3. Schedule CPL Courier Service pick-up on the day prior to the patient's scheduled appointment.

Note: blood drawn for HIV testing must arrive at CPL within 24 hours of collection; therefore, the patient's appointment time should be carefully scheduled (preferably in the early morning) to allow for pick-up by the courier and timely delivery to the testing laboratory.

Call the CPL Courier Service the day before the scheduled appointment to ask for specimen pick-up on the next day: Tulsa area: 1-800-891-2917; OKC area: 1-405-943-4616

****If you are at one of 14 sites that rely solely on the SureXpress Courier Service, ensure that the patient's specimen is drawn and packaged prior to the regularly scheduled pick-up time.**

4. Fill-out (print) the following mandatory fields on the **CPL Test Requisition Form** (see next page pink highlighted areas):

- Left-side of form:
 - Date Collected
 - Patient Name (Last, First, Middle)
 - Sex
 - Date of Birth (mm/dd/year)
 - Time of Collection
 - AM or PM
- Right-side of the form:
 - Circle: Rhoades, Edd 60500 ordering Physician
- Middle of form:
 - Site Code
 - Test Name; mark **3650 HIV-2 PCR, QUAL**

5. Specimen Collection:

- a. Label a lavender-top **EDTA tube** with the following:
 - Patient's Name
 - Date of Collection
 - Your Initials



- b. Draw the patient's blood into labeled EDTA tube. The tube should be full.
- c. Gently, invert the tube five (5) times.

6. Prepare the specimen for courier pick-up as follows:

- a. Place the EDTA tube in a leak-proof "Specimen" bag.
- b. Fold the test requisition form, and slide it into the outer pocket of the bag.
- c. Mark the outside of the bag "24 Hour Handling Required".
- d. Store the bagged specimen in the refrigerator (do not freeze) until pick-up by the courier.



CLINICAL PATHOLOGY LABORATORIES

D0141223

Clinical Acsn Label

Patient Name - Last, First, M.I., Patient I.D., Room #, Daytime Phone/Addr ID, Date of Birth, Sex, Date Collected, Time Collected, Requesting Physician, Fasting, Urine Volume, STAT CALL Same Day

55997, 405 271 9444, OK STATE DEPT OF HLTH: HIV-HEPATITIS-STD, 1000 NE 10TH ST, OKLAHOMA CITY, OK 73117, RHODES 60500

BILL TO: MEDICARE, ACCOUNT, MEDICAID, PATIENT, HMO, PPO / POS, ST, GY, PE, U, UC, SC, OP, L, GR, SE, CU, SW, VT, F, B, PR, Froz, AP, OT, 920 Venipuncture CPL, 925 Finger / Heel Stick, PSC ID, 919 Venipuncture, 922 Ur Vol Meas, 997 Verbal Diagnosis, 996 Standing Order, Phleb ID, 9999 Verbal Order, ABN Attachments, 989 Pt Decline, 998 Multiple Orders

PLEASE COMPLETE INFORMATION BELOW, Policy Holder Name, Address, City, State, Zip, Evening Phone, Medicare Number, Medical Number, State, Ordering Physician NPI, PHYSICIAN'S SIGNATURE, Primary Insurance Name, Member ID, Group, Date of Injury or Onset of Illness, Primary Insurance Address, City, State, Zip, Phone, Authorization #, Secondary Insurance Name, Member ID, Group, Secondary Insurance Address, City, State, Zip, Phone

Table with 9 columns: ICD Code REQUIRED, ICD Code, ICD Code, ICD Code, ICD Code, ICD Code, ICD Code, ICD Code, ICD Code

Physicians (or other individuals authorized by law to order tests) should only order tests that are medically necessary for the diagnosis or treatment of the patient. *Reflex testing may be performed with additional charge (see reverse for details) Medicare Limited Coverage # Medicare Frequency Limit + Not Covered by Medicare + More than one CPT code will be billed

SITE CODE:

Table with 6 columns: TEST CODE, TEST NAME, TUBE TYPE, SPECIMEN TYPE, TRANSPORT TEMP, CENTRIFUGE. Rows include: 6031 CULTURE, GC; 4557 HCV RFLX ANT, RFLX GENO *(QNT)>1000; 2730 HEP B CORE Ab RFLX IgM *; 10037 HEP B SURFACE Ag&Ab, QL PROFILE *000; 3650 HIV-2 BY PCR, QUAL @; 3954 HIV-1 NUCLEIC ACID AMP TEST @

FAX RESULTS TO:

5375 QUAD Scrn @> ST, 2617 AFP-NTD @> ST, Patient DOB, Donor DOB, Maternal Weight, Testing: Initial Repeat, NTD History, Pre-existing Insulin Dependent DM, Race, Current Smoker, Number of Fetuses, If Twins, Gestational Age (G.A.) Determined by (check): Sonogram, G.A. at Sonogram, LMP, Family History of Down Syndrome

AP-APTIMA B-BLUE TOP TUBE: BUBBLED UP VOLUMES DUE TO BUBBLES AT THE TIME OF COLLECTION. ALL SPECIMENS MUST BE LABELED WITH PATIENT'S NAME AND SECOND IDENTIFIER.

OF-OVA AND PARASITE PRESERVATIVE SO-STOOL CULTURE PRESERVATIVE SP-SPUTUM ST-SERUM SEPARATOR TUBE SW-Swab URINE TUBE UC-URINE CULTURE TUBE V-VIRAL HEPATITIS MOST SPECIMENS MUST BE REFRIG. YIELD: F. INDICAT. CRITICAL FROZEN T. INDIC. IS CRIT. PL. ROOM SWP. C. OK WWW. PALLAS. TM FOR TALS.