Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services
Paul R. LePage, Governor Mary C. Mayhew, Commissioner

Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel. (207) 287-8016
Fax (207) 287-9058; TTY (800) 606-0215

HIV 1/2 MultiSpot Differentiation and Confirmatory algorithm

Laboratory Submission Information Sheet

Reporting of suspect case to Maine CDC:	Yes: Human Immunodeficiency Virus (HIV) is a Notifiable Condition. If you have not already done so, please report suspect or confirmed cases to the Maine CDC via the disease reporting line: **1-800-821-5821** (24hrs/day 7 days/week.)
Required To Submit Laboratory Specimen:	Clinical laboratories are NOT required to submit specimens.
Required Information:	Information on requisition must include: suspected organism, patient name, DOB, date of collection, specimen source or type, submitter name and contact information. Specimen must be labeled with patient name. IMPORTANT: *Patient name written on requisition and patient name on specimen itself must match.* Requisition form available at: http://www.maine.gov/dhhs/mecdc/public-health-systems/health-and-environmental-testing/micro/download-forms.htm
Specimen Requirements:	Please refer to: **HIV Combo Viral Antigen/Antibody (HIV-1[groups O and M], HIV-2 antibodies and p24 antigen) – Serum** NOTE: Requesting a MultiSpot test will reflex to include a fourth generation EIA test and will not be used as a stand alone test. In order for this test to be considered as a confirmatory test , it MUST be used in conjunction with a fourth generation HIV EIA.
Collection Instructions:	Specimens with observable particulate matter should be clarified by centrifugation prior to testing. Suspended fibrin particles or aggregates may yield falsely positive results. No clinically significant effect has been detected in assay results of serum or plasma samples with increased levels of hemoglobin, protein, albumin, lipids, or bilirubin. Extensive hemolysis may affect test performance. Minimum sample volume: 0.5ml serum or plasma(serum preferred) **Do not use heat-inactivated specimens.**
Specimen Handling and Transport:	**Samples may be stored for no longer than 2 days at room temperature or 7 days at 2-8°C, including the time that samples are in transit.** Minimize room temperature storage of samples to the shortest time possible in order to preserve maximum p24 antigen reactivity. For **long-term storage**, the specimens should be removed from the clot, red blood cells, or separator gel and should be **frozen at -20°C or colder**. Samples should not be used if they have incurred more than 4 freeze/thaw cycles. For shipping purposes, clinical specimens are category B
Turn Around Time:	Results are available within 72 hours after arrival.
Special notes	• The performance of this assay has not been established for individuals younger than 2 years of age. • A negative test result at any point in the investigation of individual subjects does not preclude the possibility of exposure to or infection with HIV-1 and/or HIV-2 • Commercial Test Information: BIO-RAD GS HIV Combo Ag/Ab EIA combined with BIO-RAD Multispot HIV-1/HIV-2 differentiation/confirmation
Unacceptable Conditions:	Specimens in poorly labeled or leaking containers will not be tested.
Results Include:	HIV-1 Antibodies Detected, HIV-2 Antibodies Detected, Antibodies Detected-Unable to Differentiate Between HIV-1 and HIV-2, Multispot NON-REACTIVE EIA POSITIVE
Results:	All results will be reported only to **submitter** as stated on requisition via mail or fax.
Laboratory Testing Fee:	$52.00 includes HIV Antigen/Antibody EIA($22.00) and MultiSpot HIV-1/HIV-2 Discriminatory Test($30.00)
Applicable CPT Codes:	87389(Ag/Ab Combo EIA), 86701+86702 (Multispot differentiation)
Additional Information:	For HIV specific questions contact Maine HETL - **Virology at 207-287-1722**

REV. 08-2012