



Missouri Department of Health and Senior Services

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Peter Lyskowski
Director



Jeremiah W. (Jay) Nixon
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TO: Submitters of HIV Specimens to the Missouri State Public Health Laboratory

FROM: Bill Whitmar, Laboratory Director
Missouri State Public Health Laboratory

DATE: September 26, 2016

RE: Change in HIV Supplemental Test

The Missouri State Public Health Laboratory (MSPHL) is changing the HIV supplemental test that follows a reactive HIV screening test (CMIA) from the Bio-Rad Multispot to the Bio-Rad Geenius assay during the month of October. No interruption in HIV testing service is anticipated. There will however be a slight modification to the lab report. The results for HIV-1 and for HIV-2 will be listed separately along with an assay interpretation as seen below. The interpretation is the overall result for the test.

TEST NAME	RESULT	REPORTED
HIV AG/ AB COMBO	CMIA:	REACTIVE
	INTERPRETATION:	HIV-1 p24 ANTIGEN AND/ OR HIV-1 AND/ OR HIV-2 ANTIBODIES DETECTED
HIV-1 / HIV-2 ANTIBODY DIFFERENTIATION - GEENIUS	HIV-1 ANTIBODY:	POSITIVE
	HIV-2 ANTIBODY:	NEGATIVE
	INTERPRETATION:	HIV-1 POSITIVE

The change to the Bio-Rad Geenius is due to the discontinuation of the Multispot test kits by the manufacturer. The Geenius assay is comparable to the Multispot test as it differentiates between HIV-1 antibodies and HIV-2 antibodies.

Some helpful reminders for submitting samples to the MSPHL, please collect a full tube of blood (6 mL red top vacutainer tube) and send to the MSPHL within three (3) days of collection in order to complete any follow up testing. Specimens will be unsatisfactory for HIV screening ten (10) days after collection and will not be tested. To assist in transporting samples to the MSPHL, please visit our web site at www.health.mo.gov/lab/courierservices.php to find the closest courier drop off location to your facility.

Any questions regarding the Geenius assay should be directed to Nicole Ayres, HIV/Syphilis Supervisor, at Nicole.Ayres@health.mo.gov or Dana Strobe, Immunology Manager, at Dana.Strobe@health.mo.gov or by calling the laboratory at 573-751-1465.

www.health.mo.gov

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