



University of Colorado Hospital

ANSCHUTZ MEDICAL CAMPUS

Test Update HIVPCR – Test Change Affecting Quantitations

On September 6, 2011, the University of Colorado Hospital Clinical Laboratory will begin using the Roche HIV-1 Test version 2.0 for HIV Quantitative PCR (HIVPCR). Version 2.0 significantly improves the ability to detect and quantitate HIV-1 non-clade B but introduces a systematic increase in the RNA measurements for clade B. This systematic increase will result in higher viral-loads for some patients that do not indicate a progression of infection, lack of adherence, or development of resistance.

The following resulting changes will occur with the increased sensitivity of this test:

Previous Version 1.0 Result	Version 2.0 Result	Interpretation
Less than 48 copies/mL	TND (Target Not Detected)	No virus detected
	Less than 20 copies/mL	Virus detected below the LOQ (level of quantitation for the assay)
48 to 10,000,000 copies/mL	20 to 10,000,000 copies/mL	Quantitatively positive

Please call the Molecular Diagnostics Laboratory at 720-848-6892 or Adriana Weinberg M.D. at 303-724-4480 if you have any questions or visit our website at <http://www.uch.edu/for-healthcare-professional/Clinical-Laboratory/index.aspx> for additional information.

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