

# Medical Staff Bulletin

---

## Change in result reporting for Quantitative Cytomegalovirus (CMV) PCR testing.

As of September 13, 2018, the quantitative **CMV reporting seen will change for test results of  $<2.0E+2$  IU/mL** to clarify the quantitation below the reportable linear range.

The current comment appended on all quantitative CMV PCR states:

\* CMV PCR (Blood):  $<2.0E+2$  IU/mL

By Cobas CMV Assay on 6800 System.

**Values  $<34.5$  indicate presence of CMV DNA below the linear range of quantitation.**

**Values  $>1.0E+7$  indicate presence of CMV DNA above the linear range of quantitation.**

For optimal results, the EDTA plasma should be separated from whole blood within 24 hour of collection.

The updated comment will

\* CMV PCR (Blood):  $<2.0E+2$  IU/mL

By Cobas CMV Assay on 6800 System.

**Values  $<2.0E+2$  indicate CMV DNA DETECTED at low levels and may be below the linear range of quantitation which is 34.5 IU/mL.**

**Values  $>1.0E+7$  indicate CMV DNA DETECTED at high levels and is above the linear range of quantitation.**

For optimal results, the EDTA plasma should be separated from whole blood within 24 hour of collection

### For more information, questions, or concerns:

Please contact the UHN Call Centre (416-340-4800 ext. 5227) or the Sinai Health System Microbiology Lab (416-586-4432).