

## Memorandum

To Referring BC Medical Laboratories – Pre-Analytical Departments

From Willson Jang, Team Lead, Microbiology & Virology Laboratory

Date May 7, 2018

Re **PHC Virology Laboratory Viral Load Testing Volume Requirements**

Test	Sample Type	Minimum volume	Storage/Shipping
CMV DNA Viral Load ( <b>blood</b> ) **	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	<b>Separate plasma within 6 hours of collection.</b>  Freeze at -20°C, send frozen.  Avoid repeated freeze / thaw of samples.
EBV DNA Viral Load ( <b>blood</b> ) **	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	
HBV DNA Viral Load	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	
HBV Genotyping & Resistance	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	
HHV8 DNA Viral Load	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	
HIV RNA Viral Load	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	
Polyomavirus DNA Viral Load ** (BK Virus or JC Virus)	6 mL EDTA (lavender)	<b>2.0 mL plasma</b>	

**\*\* NOTE** – For patients <19 years old, please send testing to BC Children's Hospital Virology Laboratory for CMV, EBV, Polyomavirus (BK/JC) viral load testing.

*Thank you! Please don't hesitate to contact Willson if you have any questions. Willson can be reached by email [wljang@providencehealth.bc.ca](mailto:wljang@providencehealth.bc.ca) or by phone at 604-806-8369.*