



**Rhode Island Hospital
The Miriam Hospital**

Lifespan. Delivering health with care.

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TO: Rhode Island Hospital, The Miriam Hospital, and Newport Hospital
Medical Staff, House Staff Officers and Lifespan Outreach Clients

FROM: Dr. Tao Hong
Director of Microbiology

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DATE: January 25, 2023

SUBJECT: CMV and BV Quantitative Assays

Effective February 13, 2023, the Clinical Microbiology Laboratory will be implementing new quantitative assays for Cytomegalovirus and BK virus. The assays will be performed on the Roche 6800 instrument.

CMV testing will be performed Monday, Wednesday, and Friday.

BK testing will be performed on Tuesday and Thursday depending on volume.

These will replace the current send-out tests.

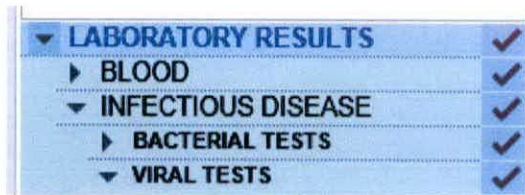
This CMV assay is a nucleic acid amplification test for the quantitation of cytomegalovirus DNA in human EDTA plasma. It is intended for use as an aid in the management of CMV in solid organ transplant patients and in hematopoietic stem cell transplant patients. In patients receiving anti-CMV therapy, serial DNA measurements can be used to assess viral response to treatment.

LifeChart Order Name	Sample	Reportable Range
Cytomegalovirus (CMV) PCR, (Quant)	EDTA or PPT whole blood	34.5 IU/mL to 10,000,000 IU/mL

This BK assay is a nucleic acid amplification test for the quantitation of BK virus DNA in human EDTA plasma. It is intended for use as an aid in the management of BKV in transplant patients. In patients undergoing monitoring of BKV in EDTA plasma, serial DNA measurements can be used to indicate the need for potential treatment changes and to assess viral response to treatment.

LifeChart Order Name	Sample	Reportable Range
BK Virus (BKV) PCR, (Quant)	EDTA or PPT whole blood	21.5 IU/mL to 200,000,000 IU/mL

Results of both assays will be available in LifeChart in the Infectious Disease result tree under Viral Tests.



For questions, please do not hesitate to contact Missy Andrade, Manager (401-444-2469), Dr. Tao Hong PhD (401-444-3144) or Dr. Sara Geffert, MD (401-444-4421)