

BK VIRUS, PCR, QUALITATIVE

BK VIRUS, PCR, QUALITATIVE (Real Time PCR)	Positive/Negative
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Interpretation

RESULT	REMARKS
Positive	Sample provided contains BK Virus DNA
Indeterminate	Presence of inhibitors in the sample
Negative	Sample provided does not contain BK Virus DNA or number of viral DNA copies are below the detection limit of the assay

Note:

1. All Indeterminate results should preferably be retested
2. The detection limit of the assay is 50 copies/ml
3. Contaminated samples may be falsely positive
4. This is an in house developed assay

Comments

BK virus is a member of Polyomavirus family which rarely causes overt disease since many people who are infected are asymptomatic. Approximately 80% of the population contains a latent form of the virus, which is activated during immunosuppression. Typically, this is seen in cases of kidney transplantation or multi-organ transplantation. Expression of disease due to BK virus in immunocompromised individuals is much more severe and includes renal dysfunction.

Uses

- To detect BK virus particularly in Immunocompromised patients and Transplant related neuropathy.