



EPSTEIN BARR VIRUS DNA DETECTION KIT

CLINICAL INFORMATION

Epstein Barr virus (EBV) is a ubiquitous tumor virus that belongs to the gammaherpesvirus subfamily. EBV is associated with a variety of lymphomas/leukemias, and epithelial malignancies, including nasopharyngeal carcinoma (NPC), lymphoepithelioma-like carcinoma, and gastric cancer. The diagnosis of EBV-associated malignancies is principally based on biopsy of the primary tumor. However, it can be challenging to perform a biopsy because of poor patient status or difficulties accessing the tumor.

KEY FEATURES

EBV DNA DETECTION KIT

- Easy-to-use reagents
- Complete quantitative kit
- Validated with all major extraction and amplification platforms
- Designed for low to high throughput analysis
- Advanced **MGB** for better recognition strength.
- Ultra-High Specificity & Sensitivity. Detection Limit @ **200 copies/ml.**

TECHNICAL INFORMATION

PRODUCT CODE	STRUMBEBV50
TEST/PARAMETERS	Epstein Barr Virus DNA detection kit
Principle of the test	Taqman 5'Nuclease Assay [Pathogen detection]
Type	Quantitative
Technology	Real Time PCR
Gene target	BHRF-1
Range Detection	400 copies/ML to 1.0 x 10(7) Copies/ML [Plasma]
Specimen	Plasma, Serum, Ceribrospinal fluid, Blood cells
MGB Probe	Yes (n=2) Includes Inhibition control probe
Detection limit	200 copies/ML
Controls included	(1) Quantitation standards (n=4) / Positive Control
	(2) Negative control
	(3) Inhibition Control
Reporting unit	Copies/ML
Number of tests	50
Storage conditions	-20 Degree C
Validation platform	Rotorgene (Qiagen)
	Applied Biosystems
	Roche
Status	Research Use Only
NABL Samples Validated	YES

STRUMED SOLUTIONS PRIVATE LIMITED

Mfg Unit 1: Plot No. 44, Ichhapore GIDC Industrial Estate, Bhatpore, Off Hazira Road, behind Tata Motors, Surat, Gujarat - 394510
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