



CALCUTTA SCHOOL OF TROPICAL MEDICINE

GOVERNMENT OF WEST BENGAL

108 Chittaranjan Avenue, Kolkata - 700073

Phone : 033 2212 3695/96/97 Fax : 033 2212 3698

Website : stmkolkata.org

Memo No. STM/STORE/QUOTE/149/2020-21 QUOTATION NOTICE Date : 12.03.2021

Sealed QUOTATIONS are invited from the Reputed Company/Direct Importers/Authorized distributor firms for supply of items as mentioned below at the **Virology, School of Tropical Medicine, Kolkata.**

The QUOTATION is to be submitted in the drop box which will be kept at the office chamber of the undersigned on all working days from **13.03.2021.**

The last date of submission of QUOTATION is **19.03.2021 up to 1 pm** and the same will be opened on the same date at 2 pm in presence of interested bidder , if any. The bidders will submit the

QUOTATION in their own official pad along with the following essential documents :

- Valid Trade License / Enlistment
- PAN card of the Bidder /Bidder company
- GST Registration certificate
- IT Return of any two of last three financial year
- Valid P.Tax Certificate

Physical verification of samples and or physical demonstration may be done at the discretion of the hospital authority by a team of expert to adjudge the applicability or suitability of the product or products in the functional requirement of the patients since the items are life savings and the technical evaluation will be done accordingly in close observation of the product or products , technical brochures along with Test certificate produced and physical sampling thereof.

SI No	Item Name
1.	(CMV) Real Time PCR testing kit, with all buffers and controls included (Preferably Lyophilised) 25 Test

Specification Enclosed

Rang 12/3/2021

Medical Superintendent cum Vice Principal
School of Tropical Medicine, Kolkata

Medical Superintendent cum Vice Principal
Hospital for Tropical Diseases
School of Tropical Medicine
Kolkata



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SI No	Item Name
1.	Epstein-Barr Virus (EBV) Real Time PCR test Kit, With all buffers and controls (Preferably Lyophilised) 25 Test

Specification Enclosed

Roy 12/3/2021

**Medical Superintendent cum Vice Principal
School of Tropical Medicine, Kolkata**

Medical Superintendent-Cum-Vice-Principal
Cardiology Hospital for Tropical Diseases
School of Tropical Medicine
Kolkata

ANNEXURE I

Specifications for Epstein-Barr Virus (EBV) Real Time PCR testing kit:

- Technology used should be real-time PCR
- Type of Analysis should be qualitative and quantitative
- Target Sequence should be specific DNA sequence of the single copy gene encoding the nuclear antigen 1 (EBNA1)
- Analytical Specificity should be that of Epstein-Barr virus, 100 %
- Diagnostic Specificity should be 90 – 95 %
- Diagnostic Sensitivity should be 98 – 100 %
- Positive Predictive Value should be around 95- 98 %
- Negative Predictive Value should be around 94 - 95 %
- Conversion factor should preferably be around 1 IU = 1 cp
- Extraction/Inhibition Control should be in line with PCR inhibition and DNA extraction efficiency control
- Validated Specimen should be plasma, serum, whole blood
- Storage specific temperature should preferably -20 ± 5 °C
- The kits should have extended stability of at least 15 months from the date of manufacture and documentary evidence from the manufacturer
- Kits must be compatible with ABI 7500Fast Dx, CFX96, which documentary evidence must be provided from the manufacturer along with programming guidebooks / manuals from the manufacturer, without needing any additional software to be purchased.
- External Quality Assessment should regularly be tested by QCMD and Instand e.V. External Quality Assessment Panels -results
- Should have CE1023 IVD certification
- Should use common channels FAM, ROX, HEX, JOE or VIC for detection and not specific machine dependent channels for highest sensitivity