

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R01575 **Lot #:** 8D11621

Description: EBV p54 (EA-D) Recombinant
Epstein-Barr Virus (EBV) p54, Early Antigen D (EA-D), Recombinant

Recombinant EBV p54 Early Antigen produced from the BMRF1 gene. Contains a His-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 17,039.71 Da, but on SDS-PAGE the protein band is between the molecular weight markers 25,000-18,400 Da.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE).

Concentration: 1.77 mg/mL DO280 = 0.438 A^{0.1%} (=1 g/I) = 0.410

Buffer: 50 mM 2-(N-Morpholino)Ethanesulfonic Acid (MES), pH 7, 0.1 M Potassium Chloride (KCl) and 0.1% Polyoxyethylene (10) Tridecyl Ether

Preservative: None

Applications: Suitable for use in ELISA for IgG (1.2 to 5.8 µg/mL) and for IgM detection (2.3 to 5.8 µg/mL) and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Upon receipt, store at -20°C to -80°C. Aliquot to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



26 APR 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY