

CERTIFICATE OF ANALYSIS

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

Catalog #: R01525 **Lot #:** 4F17222

Description: EBV p138 (EA-D) Recombinant
Epstein-Barr Virus (EBV) p138, Early Antigen D (EA-D), Recombinant

Recombinant EBV p138 Early Antigen produced from the complete ORF of the BALF2 gene. Contains a his-tag at the N-terminus. Molecular weight calculated from the amino acid sequence is 129,700.0 Da, but on SDS-PAGE the protein band is between the molecular weight markers 66.2 kDa and 116 Da.

Source: *E. coli*

Format: Purified, Liquid

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

Concentration: 1.27 mg/mL (OD280nm, $E^{0.1\%} = 0.914$)

Buffer: 6 M Urea, 20 mM Phosphate, pH 8, 0.15 M Sodium Chloride, 0.1% Polyoxyethylene(10)Tridecylether.

Preservative: None


Applications: Suitable for use in ELISA for IgM detection (3 to 6 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. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

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

Quality Signature:



24 June 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY