

CERTIFICATE OF ANALYSIS

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

Catalog #: R01571 **Lot #:** 10F18022

Description: EBV VCA p18 Recombinant
Epstein-Barr Virus (EBV) Viral Capsid Antigen (VCA) p18, Recombinant

Recombinant produced from the truncated form of the viral capsid protein VP 26, coding by the EBV gene BFRF3. Contains a His-tag at the N-terminus. Relative molecular weight calculated from the amino acid sequence is 15,846.1 Da.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 98% pure (SDS-PAGE).

Concentration: 2.15 mg/mL (DO280 = 0.201 A^{0.1%}(= 1 g/I) = 0.094

Buffer: 20 mM Phosphate Buffer, pH 7, 1 M Sodium Chloride and 0.1% Polyoxyethylene (10) Tridecyl Ether.

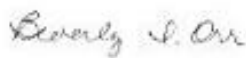
Preservative: None

Applications: Suitable for use in ELISA and Western Blot. For ELISA, suggested concentration for coating plates is 0.044 µg/mL for IgM detection. 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. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

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



Quality Signature:

01 July 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY