

Certificate of Analysis

Name: Ebola Virus Envelope Glycoprotein (GP1) (Zaire, Kikwit-95)

Product code: EBOVKW95-GP1-100

Batch #: 19100109

Description: Recombinant Ebolavirus EBOV (subtype Zaire, strain Kikwit-95) Envelope Glycoprotein 1 (GP1), Ile 33 - Arg 501 (Accession # AAQ55048.1) was produced in human 293 cells (HEK293)

Sequence Strain:

Amount: 100ug

Presentation: Lyophilised

Appearance: White powder

Reconstitution: It is recommended to reconstitute the protein by adding 500ul sterile water to a stock solution of 200µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. We recommend the addition of carrier protein (0.1% (w/v) BSA) for further dilution and long-term storage.

Concentration: Dependent upon reconstitution volume

Purity: >90% pure by SDS-PAGE

Buffer: DPBS pH 7.4

Usage guidelines

Storage: Store lyophilised product at 4°C for short term, or frozen at -20°C - -80°C for long term.
Product is shipped at ambient temperature

Stability before reconstitution:

At ambient temperature:	1 month
At +4°C:	12 months
At <-20°C:	24 months

Stability after reconstitution:

At -80°C:	3 months
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Freezing: Can be frozen, but avoid multiple freeze/thaw cycles

QC Officer

Date