

Certificate of Analysis

Name: Dengue Virus Serotype 1 VLP

Product code: DENV1-VLP-100

Batch #: 18082811

Description: Recombinant Dengue Virus serotype 1 virus-like particle recombinant antigen consisting of Envelope, pre-Membrane and Membrane protein produced in 293 human cells. The C-terminal 20% of the dengue Envelope protein was replaced by the corresponding Japanese encephalitis virus SA-14 sequence (Envelope protein amino acids 399-497). The replaced sequence corresponds to the transmembrane and intraparticle portion of the protein.

Sequence Strain: Puerto Rico/US/BID-V853/1998

Amount: 100µg

Concentration: 0.56 mg/ml

Purity: >95% pure by SDS-PAGE

Presentation: Liquid

Buffer: 10mM sodium phosphate, 20mM sodium citrate, 154mM sodium chloride, pH7.4.

Usage guidelines

General: Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.

Storage: Short term: +2°C to +8°C
Long Term: -80°C

Stability: At +4°C: 1 week
At -80°C: 1 year

Freezing: Can be frozen, but avoid multiple freeze/thaw cycles.



QC Officer

10 September 2018

Date

