

Certificate of Analysis

Name: Dengue Virus Serotype 4 VLP

Product code: DENV4-VLP-100

Batch #: 18040309

Description: Recombinant Dengue Virus serotype 4 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 400-495). The replaced sequence corresponds to the transmembrane and intraparticle portion of the protein.

Sequence Strain: Dominica/814669/1981

Amount: 100µg

Concentration: 0.248 mg/ml

Purity: >95% pure by SDS-PAGE

Presentation: Liquid

Buffer: Dulbecco's PBS pH7.4, 30% sucrose

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.



10-APR-2018

QC Officer

Date