

Certificate of Analysis

Name: Dengue Virus Serotype 3 VLP

Product Code: REC31996-100 / REC31996-500

Batch #: 24121316P

Date of Manufacture: 13-Dec-2024

Product Description: Recombinant Dengue Virus serotype 3 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 399-492). The replaced sequence corresponds to the transmembrane and intraparticle portion of the protein.

Expression System: HEK293

Accession: AXX75610.1

Strain/Isolate: Sri Lanka D3/H/IMTSSA-SRI/2000/1266

Amino Acids: 399-492

Amount: 0.1 mg / 0.5 mg

Concentration: 0.64 mg/ml

Presentation: Liquid

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

Usage Guidelines

Short Term Storage: +4°C

Long Term Storage: -80°C

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

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

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



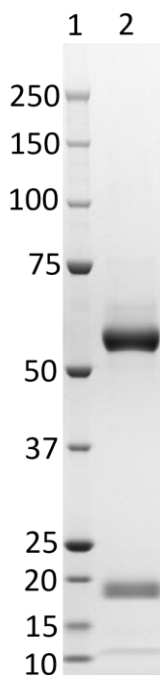
Certificate of Analysis

Name: Dengue Virus Serotype 3 VLP

Product Code: REC31996-100 / REC31996-500

Batch #: 24121316P

SDS-PAGE: Representative Coomassie-stained reducing SDS-PAGE showing purified Dengue Virus Serotype 3 VLP.



1. Molecular weight ladder, kDa
2. REC31996, #24121316P, [2.5µg]

22/01/2025

X *H. Schuhmann*

QC

Signed by: Holger.Schuhmann@lgcgroup.com

22/01/2025

X *E. Tressens*

QA

Signed by: Estelle.Tressens@LGCGroup.com

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.



www.thenativeantigencompany.com

NAC.Contact@LGCGroup.com

Registration No. 7386339

Page 2 of 2

The Native Antigen Company is now part of LGC Group.

Science for a Safer World