

Certificate of Analysis

Name: Chikungunya Virus VLP (E1 E2 C protein)

Product Code: CHIKV-VLP-100 / CHIKV-VLP-100

Batch #:

Date of Manufacture:

Product Description: Recombinant Chikungunya Virus-Like Particles produced in 293 human cells. Chikungunya structural proteins are transiently expressed to form a particle comprising E1, E2 and capsid protein, without the non-structural proteins or genome. Resultant particles are totally non-infectious.

This product is prepared from HEK293 cells cultured in fully synthetic media. No animal products are used during the production process.

Expression System: HEK293

Accession: Q5XXP3.1

Strain/Isolate: Senegal 37997

Amino Acids: 1-1248

Tag: Untagged

Amount: 0.1 mg / 0.5 mg

Concentration: mg/ml (according to BCA assay using BSA standards in 20mM Tris-HCl, pH7.5, 125mM NaCl).

Purity: >90% by SDS-PAGE. Two bands are expected. Capsid protein at approximately 50kD, and E1/E2 envelope proteins at approximately 32kD.

Presentation: Liquid

Buffer: 20mM Tris-HCl, pH7.5, 125mM NaCl; contains 20% (w/v) sucrose.

Usage Guidelines

Short Term Storage: Days at +4°C

Long Term Storage: -80°C

Stability: Not determined

Freezing: Freeze on arrival, but avoid multiple freeze/thaw cycles



X

QC

X

QA

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