

Certificate of Analysis

Name: Chikungunya Virus E2 Envelope Protein, (HEK293) Mouse Fc-Tag

Product Code: REC31617-100 / REC31617-500

Batch #: 18040409

Date of Manufacture:

Product Description: Recombinant gene product from Chikungunya virus, corresponding to amino acid 326-693 of the polyprotein. A glycine-serine linker and mouse Fc-tag was fused to the C-terminus of this recombinant protein.

Expression System: HEK293

Accession: Q5XXP3.1

Strain/Isolate: Senegal 37997

Amino Acids: 326-693

Tag: Mouse IgG2a Fc-tag, C-terminus

Amount: 0.1 mg / 0.5 mg

Concentration: 0.32 mg/ml

Purity: 95%

Presentation: Liquid

Buffer: 20mM HEPES, pH7.0, 300mM NaCl, 0.25% Triton X-100

Applications: ELISA, WB

Usage Guidelines

Short Term Storage: +4°C

Long Term Storage: -80°C

Stability: Not performed

General Storage Conditions: Can be frozen, but avoid multiple freeze/thaw cycles.

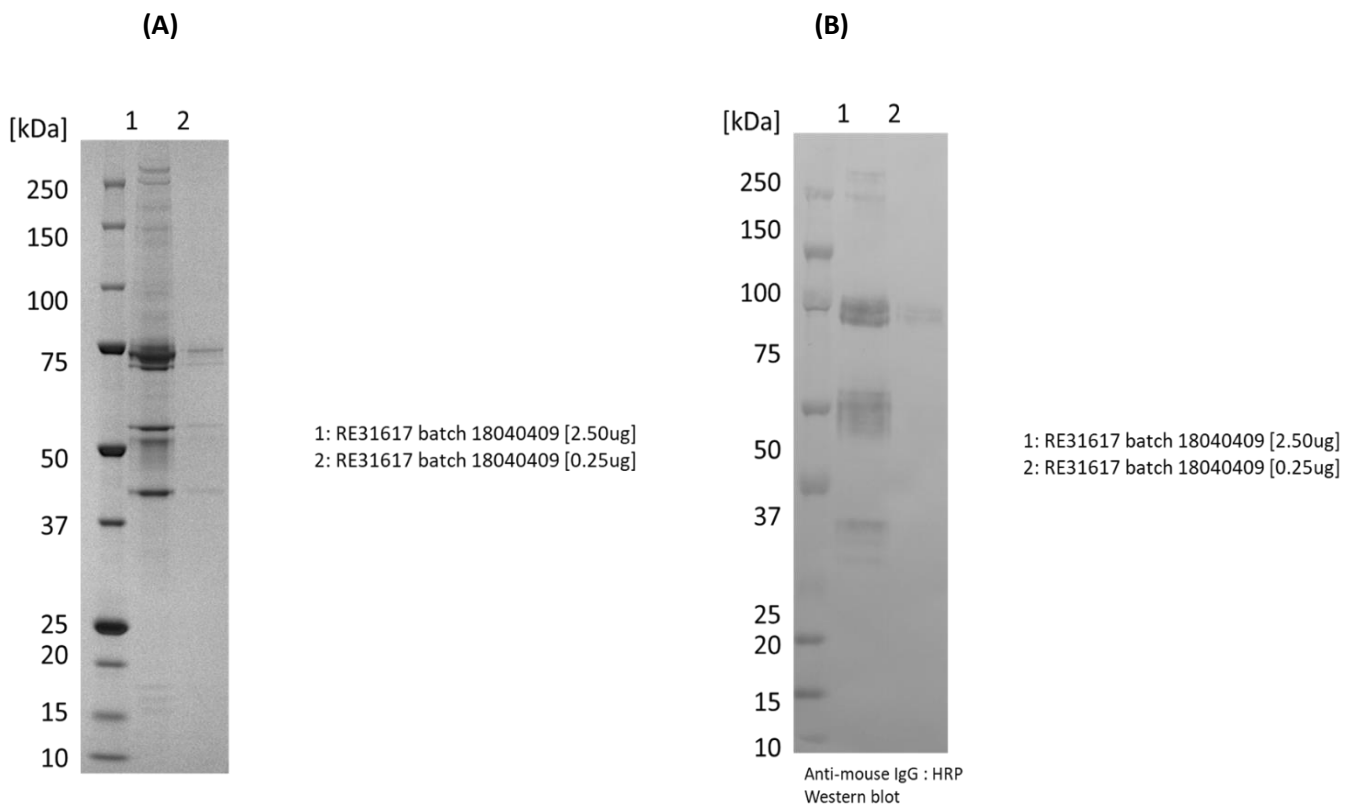
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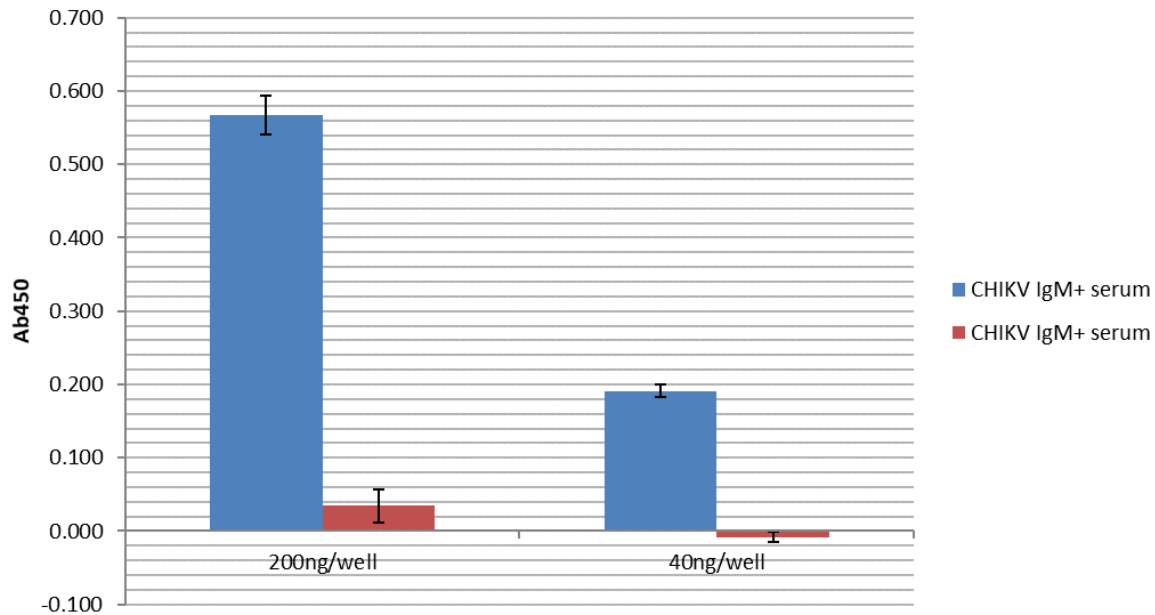
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SDS-PAGE/WB: Coomassie-stained reducing SDS-PAGE (A) and western blot (B) showing purified Chikungunya virus E2 envelope protein.

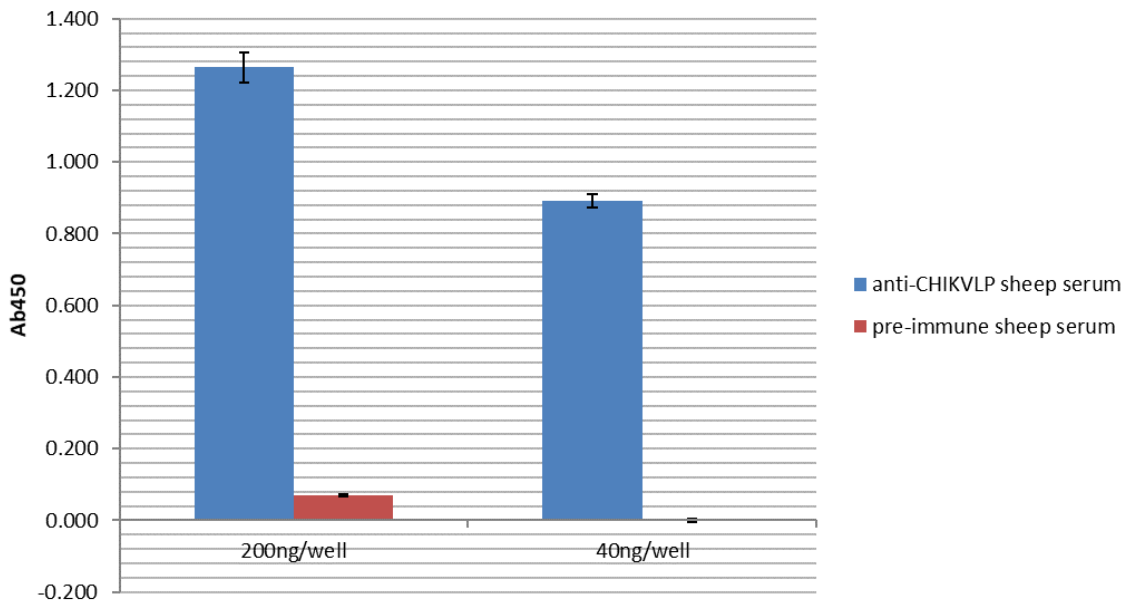


ELISA: Representative indirect ELISA assays showing serum reactivity of REC31617 (batch 1712011147).

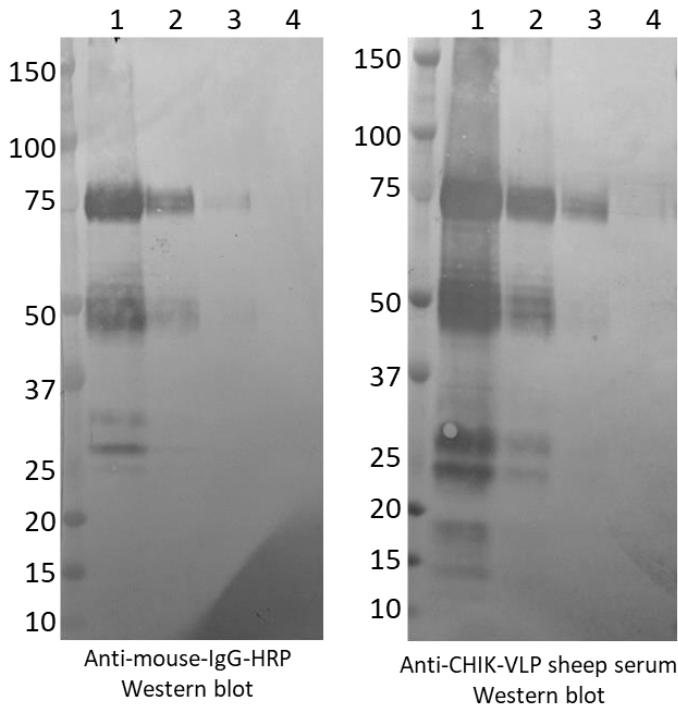
REC31617 indirect ELISA - human serum reactivity



REC31617 indirect ELISA - reactivity against CHIK-VLP sheep serum



Western Blot: Representative western blots showing anti-mouse IgG-HRP and anti-CHIK-VLP sheep serum.



- 1: RE31617 batch 1712011147 [1000ng]
- 2: RE31617 batch 1712011147 [100ng]
- 3: RE31617 batch 1712011147 [10ng]
- 4: RE31617 batch 1712011147 [1ng]

X

QC

X

QA

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

