

## Certificate of Analysis

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

**Product Code:** REC31618-100 / REC31618-500

**Batch #:**

**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 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:** Human IgG1 Fc-tag, C-terminus

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 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 tested

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

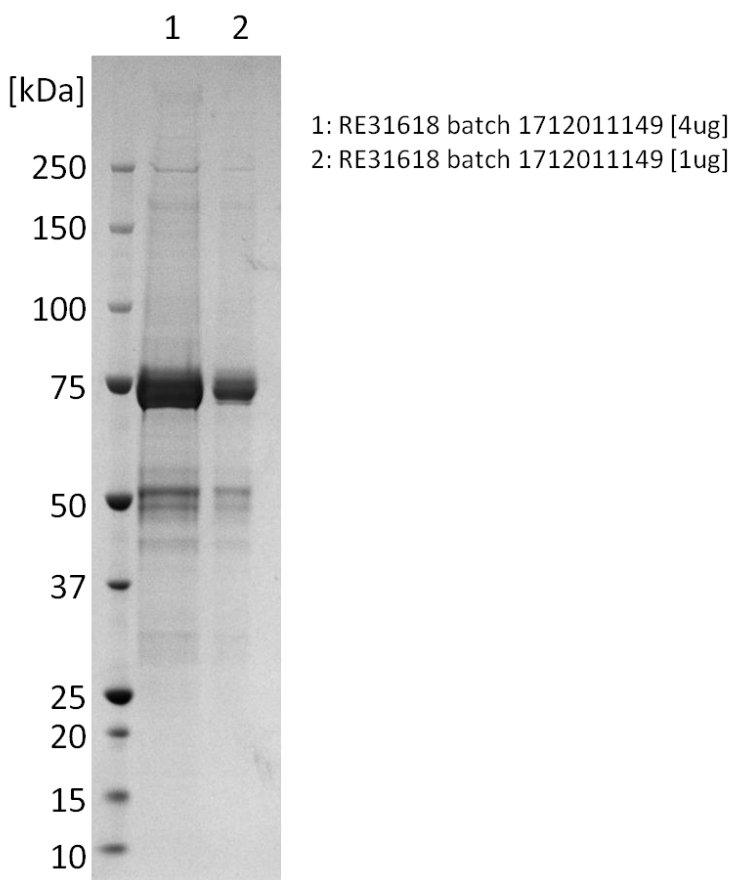
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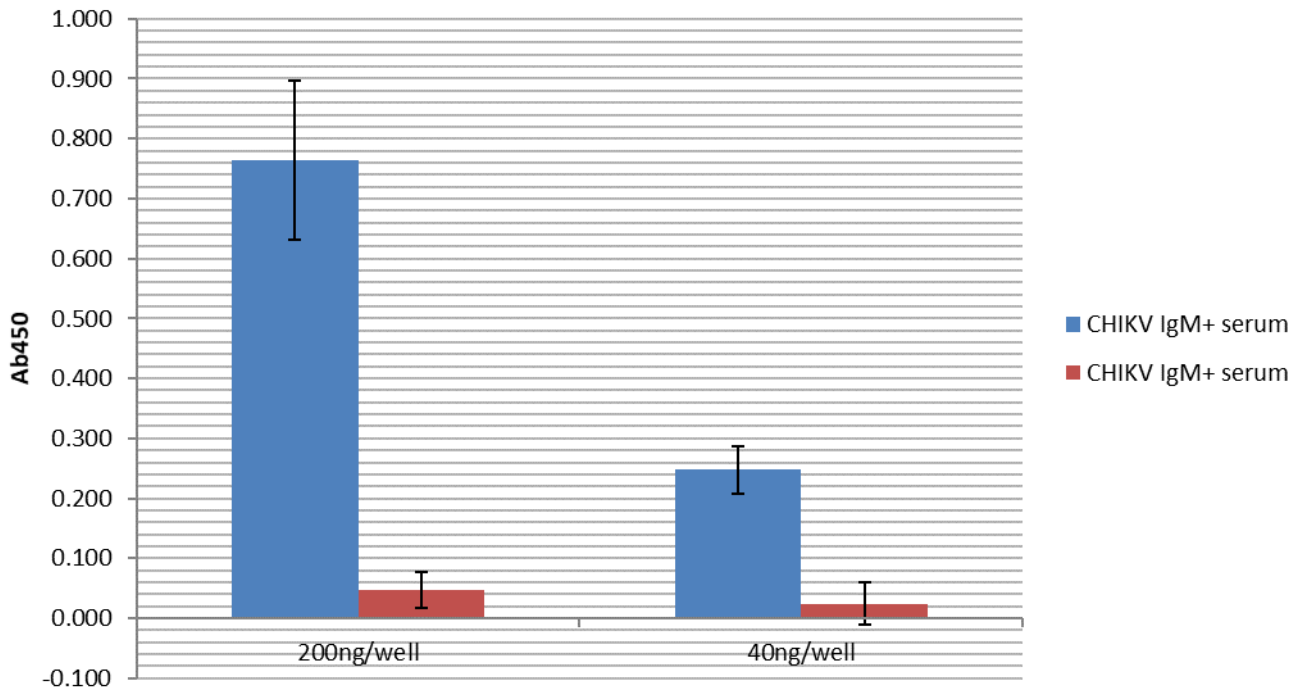
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**SDS-PAGE:** Coomassie-stained reducing SDS-PAGE showing purified Chikungunya virus E2 envelope protein.

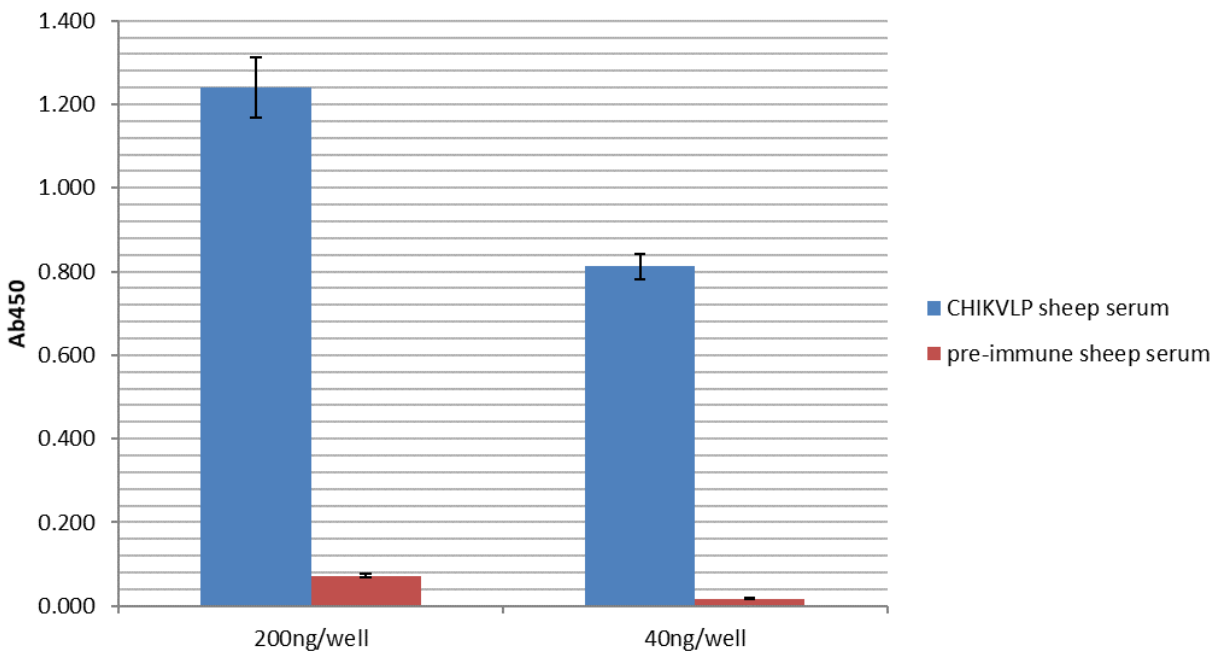


**ELISA:** Indirect ELISA's showing reactivity against serum.

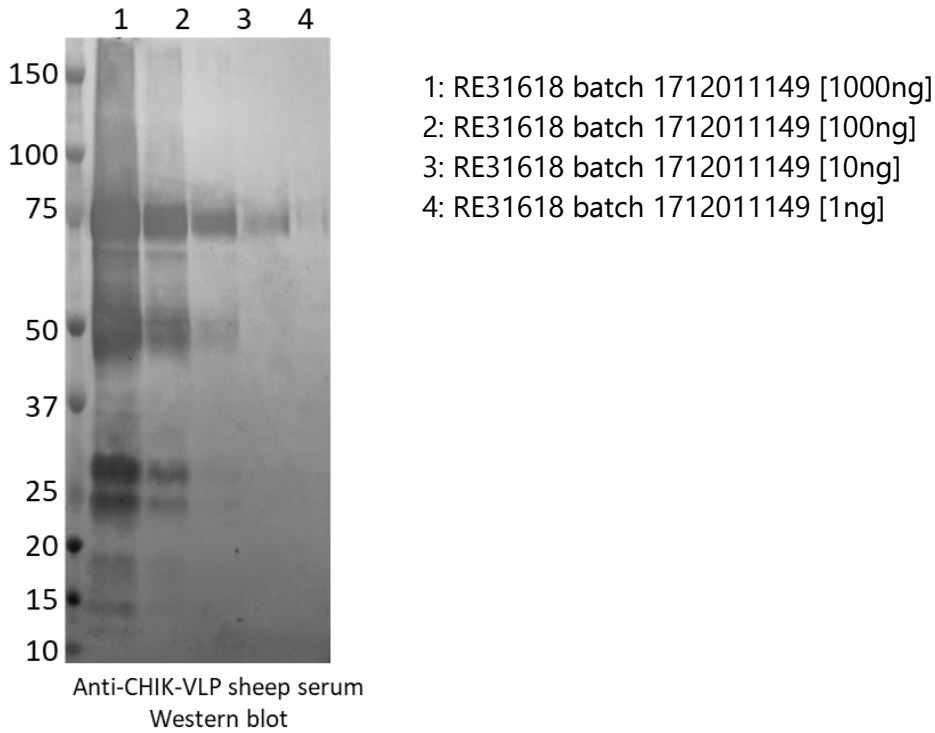
**REC31618 indirect ELISA - human serum reactivity**



**REC31618 indirect ELISA - reactivity against anti-CHIK-VLP serum**



**Western Blot:** Anti-CHIK-VLP sheep serum western blot.



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QC

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