

### Certificate of Analysis

**Name:** Zika Virus VLP  
**Product code:** ZIKV-VLP-100  
**Batch #:** 17061910

**Description:** Zika virus-like particle recombinant antigen consisting of Envelope, pre-Membrane and Membrane protein produced in human embryonic kidney (HEK) 293 human cells.

**Sequence Strain:** Suriname Z1106033

**Amount:** 100µg

**Concentration:** 0.21mg/ml according to BCA test method using BSA standards

**Purity:** See SDS-PAGE

**Presentation:** Liquid.

**Buffer:** DPBS pH7.4, 20% sucrose. May contain traces of tartrate.

#### Usage guidelines

**General:** Thaw quickly using a 37°C water bath immediately before use. While handling product avoid excessive mixing or shocking to prevent aggregation. To mix product gently pipet up and down. Short and long term storage above -80°C may result in aggregate formation. Produce desired aliquot sizes and snap-freeze in liquid nitrogen for long and short-term storage at -80°C.

**Storage:** Short term: Short-term storage above -80°C is not recommended. If necessary snap-freeze in liquid nitrogen for -80°C storage.  
Long Term: -80°C

**Freezing:** Multiple freeze/thaw cycles are to be avoided. If necessary snap-freeze in liquid nitrogen.



QC Officer

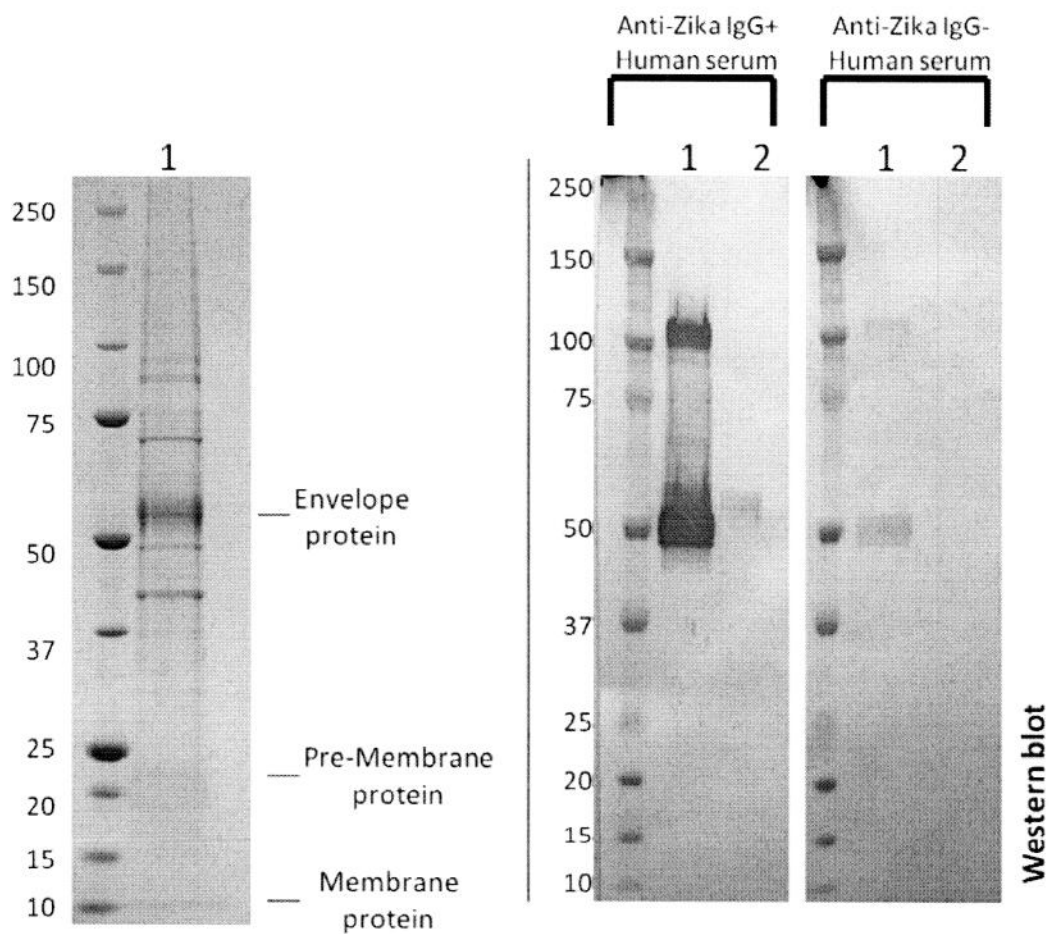
04-JUL-2017

Date



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ZIKVLP SDS-PAGE:  
 1: ZIKVLP batch 17061910 [2.7ug]

1: ZIKVLP batch 17061910 non-reduced [1.3ug]  
 2: ZIKVLP batch 17061910 reduced [1.3ug]