

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** 9050 **Lot #:** 4K31422

**Description:** ZERO-X-REACT Zika Envelope Rec-Ag  
Zika Virus Envelope Recombinant Antigen – mutated to eliminate cross reactivity with other flaviviruses.  
Product contains Histidine tag.  
Reacts with both IgG and IgM.

**Source:** Insect Cells

**Format:** Purified, Liquid

**Purification:** 80% Pure (SDS PAGE). Affinity Chromatography  
One major band plus minor fragments.

**Concentration:** 1.3 mg/mL (Bradford Method)  
Specification:  $\geq 1$  mg/mL

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in ELISA and Lateral Flow Assays. Recombinant Zika envelope antigen designed to eliminate cross-reactivity of the major conserved domain of all flaviviruses. Ideal antigen for IgG and IgM assays. Cross-reactivity to a few minor domains might still be present. Each laboratory should determine an optimum working titer for use in a particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at -20°C. Precipitation may occur on storage which should not affect performance characteristics. Avoid repeated freeze thaw

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



14 Nov 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**