

CERTIFICATE OF ANALYSIS

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

Catalog #: R02220 **Lot #:** 6J30022

Description: Dengue Type 2 Antigen
Dengue virus particles are concentrated from tissue culture supernatants by precipitation and ultracentrifugation. Will be recognized by antibodies to any of the four serotypes 1-4.

Source: Vero Cells
Strain: 16681

Format: Purified, Liquid

Purification: Sucrose density gradient centrifugation.

Concentration: 0.9 mg/mL (Dye Binding Assay)

Buffer: Medium 199

Preservative: None

Applications: Suitable for use in ELISA and Lateral Flow. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at $\leq -70^{\circ}\text{C}$. Avoid multiple freeze/thaw cycles as product degradation may result.

Inactivation: Dengue virus is inactivated by room temperature incubation with formaldehyde. The formaldehyde is neutralized with the addition of sodium bisulphite. Inactivation confirmed by Vero cell culture.
Result: No growth detected.

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

References: The reference listed below is for research purposes only:
Jaiswal, S., et al., (2003), "Replication-Defective Adenoviral Vaccine Vector for the Induction of Immune Responses to Dengue Virus Type 2", *Journal of Virology*, **77**(23): 12907–12913.

Quality Signature:



28 Oct 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY