



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** R88445 **Lot #:** n/a

**Description:** West Nile Envelope (CT)  
West Nile Virus Envelope Protein, C-terminal  
  
Synthetic peptide corresponding to 14 amino acids near the C-terminus of West Nile Virus Envelope protein. Used for blocking the activity of West Nile Virus Envelope Protein antibody (Catalog #B88445R).

**Source:** Synthetic

**Format:** Purified, Liquid

**Concentration:** Lot specific

**Buffer:** PBS, pH 7.2 containing 0.1% BSA

**Preservative:** 0.02% Sodium azide

**Applications:** Suitable for use in ELISA. Antibody activity is usually completely blocked in ELISA assays by incubating the peptide with equal volume of antibody for 30 minutes at 37°C. 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 (up to one year) at -20°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Not applicable

**Warnings:** This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

**References:** The reference listed below is for research purposes only.  
Gould, L.H., et al., (2004), "West Nile virus: a growing concern?", *J. Clin. Invest.*, **113**: 1102-1107

Signature

20 September 2013

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**