



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

#### Recombinant West Nile Virus Envelope Protein (N-term)

**Catalog No.**  
MD-14-0327P

**Source**  
E. Coli

- Description:** West Nile Virus Envelope Protein, N-terminal, Recombinant N-terminal part of the Envelope protein immunodominant region. Contains 6 histidines fusion sequence. Molecular weight approximately 42kDa. Reacts with human West Nile Virus positive serum.
- Format:** Purified, Liquid
- Purification:** 95% pure (SDS-PAGE)
- Concentration:** 1mg/ml
- Buffer:** 8M Urea, 20mM Tris-HCl, pH 7.5 containing 10mM beta-mercaptoethanol
- Preservative:** None
- Applications:** Suitable for use in ELISA, Western blot, 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:** Short-term (up to 3 months) store at 2–8°C. Long term store at -80°C. Avoid multiple freeze/thaw cycles.
- Inactivation:** Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**