

## Eastern Equine Encephalitis Virus (EEEV) E3E2 Protein

Catalog #: 0560-001

### Description:

Recombinant, His-tagged EEEV E3E2 glycoprotein expressed in Sf9 insect cells using recombinant baculovirus and purified by FPLC.

**Formulation & Storage:** Supplied in PBS and supplemented with glycerol, arginine and glutamic acid. **Store at** -20°C for 2-3 weeks, -80°C for long term.

### Notes & Usage Guidelines:

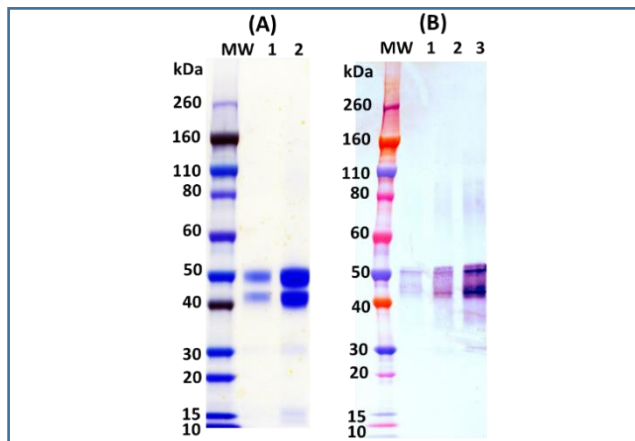
**ELISA:** Assay-dependent dilution

**WB:** Assay-dependent dilution

## Applications

### SDS-PAGE and Western Blot Data:

(A) SDS-PAGE and stain demonstrating 1 µg and 5 µg (Lanes 1-2) of EEEV E3E2/E2 protein under denaturing and reducing conditions. MW denotes Novex Sharp prestained protein markers. (B) Western blot detection of EEEV E3E2/E2 protein at 50 ng, 100 ng, and 200 ng (Lanes 1-3) using IBT's anti-EEEV E2 rabbit polyclonal antibody (Catalog # 0318-001) at 0.5 µg/mL and anti-rabbit IgG-HRP conjugate, followed by TMB substrate.



### ELISA Data:

Plate was coated with EEEV E3E2/E2 protein starting at 800 ng/well, serially diluted in DPBS. Washed plate was detected using Rabbit Anti-EEEV E2 pAb at 1 µg/mL. OD650 is reported below.

Antigen coating concentration in ng/well	OD 650 nm
800.000	3.795
400.000	3.739
200.000	3.603
100.000	2.930
50.000	1.726
25.000	0.610
12.500	0.221
6.250	0.119
3.125	0.073
1.563	0.058
0.781	0.073
0.391	0.055

### Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at [services@ibtbioservices.com](mailto:services@ibtbioservices.com)

### Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, [www.ibtbioservices.com](http://www.ibtbioservices.com) for more details.

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