

Certificate of Analysis for NR-15510

Monoclonal Anti-Dengue Virus Type 3 Envelope Protein, Clone E1 (produced *in vitro*)

Catalog No. NR-15510

Product Description: Antibody Class: IgG2ak

Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 3 (DEN-3) was purified from clone E1 hybridoma supernatant by protein G affinity chromatography. The clone E1 antibody is reported to bind to domain III in the envelope glycoprotein.

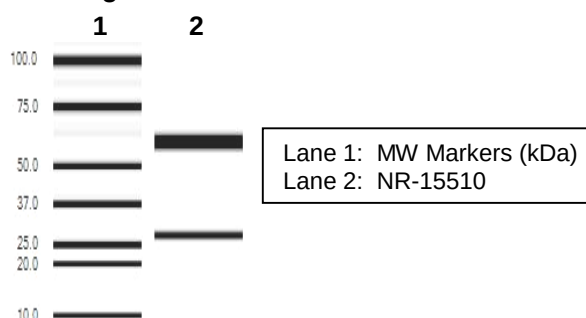
Lot: 64057085

Manufacturing Date: 03MAR2016

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ak	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99.8% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.1 mg/mL
Functional Activity Indirect fluorescent antibody assay ¹	Report results	Fluorescence observed
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Using BEI Resources NR-3799 (DEN-3, MK-594-87)-infected Vero cells (ATCC® CCL-81™) and a 1:200 dilution of NR-15510

Figure 1



Date: 05 MAY 2016

Signature:

Michael R. Gryn

BEI Resources Authentication

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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