

Certificate of Analysis for NR-15515

Monoclonal Anti-Dengue Virus Type 3 Envelope Protein, Clone E8 (produced *in vitro*)

Catalog No. NR-15515

Product Description: Antibody Class: IgG1k

Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 3 (DEN-3) was purified from clone E8 hybridoma supernatant by protein G affinity chromatography. The clone E8 antibody is reported to bind to domain III in the envelope glycoprotein.

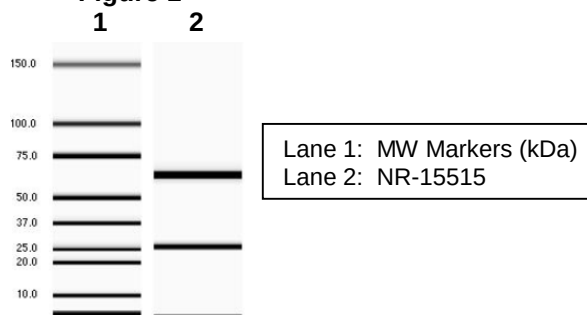
Lot: 59271174

Manufacturing Date: 10AUG2010

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1k
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 97% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.4 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 1:100 and 1:300 dilutions of NR-15515

Figure 1



Date: 02 MAY 2014

Signature: Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

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.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

