

Certificate of Analysis for NR-15518

Monoclonal Anti-Dengue Virus Type 3 Envelope Protein, Clone E11 (produced *in vitro*)

Catalog No. NR-15518

Product Description: Antibody Class: IgG2ak

Mouse monoclonal antibody prepared against the envelope protein of dengue virus type 3 (DEN-3) was purified from clone E11 hybridoma supernatant by protein G affinity chromatography. The clone E11 antibody is reported to bind to domain I/II in the envelope protein.

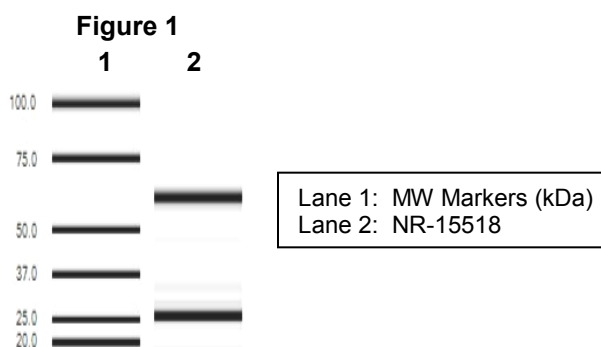
Lot: 61012526

Manufacturing Date: 16OCT2012

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 94.6% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	0.8 mg per mL
Functional Activity Indirect fluorescent antibody assay ¹ ELISA ²	Report results Report results	Fluorescence observed Reactive
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Using DEN-3, strain MK-594-87 (BEI Resources NR-3799)-infected C6/36 cells (ATCC® CRL-1660™) and a 1:100 dilution of NR-15518

²Using 4.0 x 10³ TCID₅₀/well of DEN-3, strain MK-594-87 (BEI Resources NR-3799) and a 1:100 dilution of NR-15518



Date: 28 APR 2014

Signature:

Michael R. Gynther

Title:

Technical Manager, BEI Authentication or designee

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