

Certificate of Analysis for NR-15540

Monoclonal Anti-Dengue Virus Type 4 Envelope Protein, Clone E23 (produced *in vitro*)

Catalog No. NR-15540

Product Description: Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the envelope protein of dengue virus type 4 (DEN-4) was purified from clone E23 hybridoma supernatant by protein G affinity chromatography.

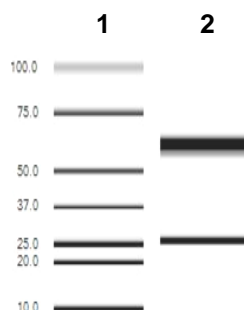
Lot: 62125362

Manufacturing Date: 03DEC2013

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 100% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.3 mg per mL
Functional Activity by Indirect Fluorescent Antibody Assay ¹	Report results	Fluorescence observed
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

¹Using DEN-4, D85-019 (BEI Resources NR-3804)-infected C6/36 cells (ATCC® CRL-1660™) and 1:100 and 1:300 dilutions of NR-15540

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-15540

Date: 08 MAY 2014

Signature:

Michael R. Gypke

Title:

Technical Manager, BEI Authentication or designee

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