

Certificate of Analysis for NR-29323

Early-Immune Dengue Virus Type 3 Antiserum

Catalog No. NR-29323

This reagent is the property of the U.S. Government.

Product Description: NR-29323 is a preparation of early-immune serum from a non-human primate (NHP) that was immunized with dengue virus type 3, Sleman/1978.¹ Antiserum was collected on Day 30.

Lot: 61258688 Manufacturing Date: MAY2011

TEST	SPECIFICATIONS	RESULTS
Focus Reduction Neutralization Test (FRNT) 50% Titer ² in Vero Cells ³		
Dengue virus type 1, Western Pacific	Report results	< 16
Dengue virus type 2, New Guinea C	Report results	< 16
Dengue virus type 3, Sleman/1978	Report results	742
Dengue virus type 4, Dominica/814669/1981	Report results	< 16
Japanese encephalitis virus, SA 14-14-2	Report results	< 16
Yellow fever virus, 17D	Report results	< 16
Focus Reduction Neutralization Test (FRNT) 50% Titer ² in C6/36 Insect Cells ⁴		
Dengue virus type 1, Western Pacific	Report results	121
Dengue virus type 2, New Guinea C	Report results	181
Dengue virus type 3, Sleman/1978	Report results	2247
Dengue virus type 4, Dominica/814669/1981	Report results	< 20
Japanese encephalitis virus, SA 14-14-2	Report results	ND⁵
Yellow fever virus, 17D	Report results	ND

¹The dengue virus type 3, Sleman/1978 preparation that was used to immunize the NHP was propagated in Vero cells.

⁵Not done

Date: 10 MAY 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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²Serum dilution at which 50% neutralization occurs

³The viruses used in the FRNT assay were propagated in Vero cells and the FRNT assay was performed in Vero cells.

⁴The viruses used in the FRNT assay were propagated in C6/36 cells and the FRNT assay was performed in C6/36 cells.