Anti-Dengue Virus (NS1)

Item Number: NS1

Introduction

High-quality Anti-Dengue NS1 antibody for accurate virus detection via ELISA, IFA, and LF. Exceptional specificity, purity, and performance. Perfect for research use.

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Feature	Description
Product Name	Anti-Dengue virus (NS1)
Application	LF, ELISA, IFA
Form/Appearance	Purified from mouse ascites by protein A chromatography
Concentration	≥ 1 mg/ml
Isotype	IgG1
Clonality	Monoclonal
Purity	≥ 90%
Buffer	0.01M Phosphate Buffered Saline, pH 7.2, containing 0.1% sodium azide
Specificity	NS1 protein of all 4 serotypes
Cross Reactivity	Not determined

Condition	Description
Storage	2-8°C or -20°C. Avoid freeze-thaws. Maximum one freeze-thaw during storage.
Shipping	Cold packs
Shelf Life	Four years from date of manufacture

Indicator	Description
Membrane Strip Width	2.95 ± 0.05mm (for colloidal gold immunochromatography)
Liquid Migration Speed	≥ 10 mm/min (for colloidal gold immunochromatography)
Negative/Positive Control Compliance Rate	All positive controls are positive; all negative controls are negative.
Repeatability	10 repeated tests of repeatability controls yield 10 positive results with uniform color development.
Limit of Detection	≤ 1 ng/mL (DENV-1, 2)
Analytical Specificity (Cross-Reactivity)	Dengue virus may cross-react with Japanese encephalitis virus, Yellow fever virus, Plasmodium falciparum, Plasmodium vivax, and Zika virus.
Hook Effect	No hook effect observed.