

Dengue virus NS1 protein antibody [GT13]

Cat. No. GTX640511

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	ELISA, Lateral Flow, Sandwich ELISA
Reactivity	Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Recommended antibody pairs for Lateral Flow:**Capture : GTX640510 / GTX640511, Detection : GTX640511****Capture : GTX639673 / GTX640511, Detection : GTX640511****Please notice that the detection antibody needs to be conjugated to HRP when paired with the capture antibody.****Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody correspond to Dengue virus NS1 protein.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

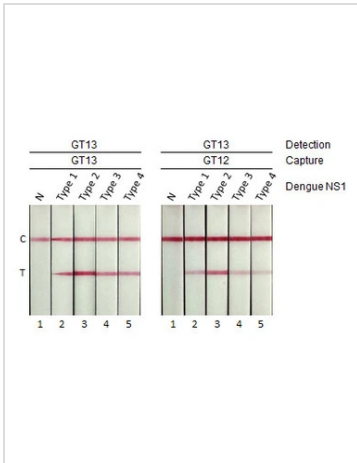


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Note
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX640511 Lateral Flow Image

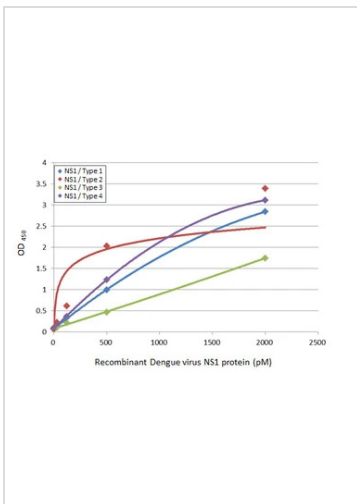
Detection of Dengue virus NS1 protein by lateral flow assay using the indicated recombinant mouse monoclonal antibodies.

GT12 : Dengue virus NS1 protein antibody [GT12] (GTX640510)

GT13 : Dengue virus NS1 protein antibody [GT13] (GTX640511)

Samples (40 ng) :

1. Running buffer (N)
2. Dengue virus type 1 NS1 protein (GTX138149-pro)
3. Dengue virus type 2 NS1 protein (GTX138150-pro)
4. Dengue virus type 3 NS1 protein
5. Dengue virus type 4 NS1 protein (GTX138152-pro)



GTX640511 ELISA Image

Sandwich ELISA detection of recombinant NS1 Protein(s) derived from different strains of Dengue virus (ie, Type 1; Type 2; Type 3; Type 4) using antibodies as below.

Capture: Dengue virus NS1 protein antibody [GT13] (GTX640511) (5 µg/mL)

Detection: HRP-conjugated Dengue virus NS1 protein antibody [GT13] (GTX640511) (1 µg/mL)

Please notice that GTX640511 needs to be conjugated to HRP to function as the detection antibody when paired with GTX640511. Please contact us for custom HRP-conjugated antibody.

Samples :

- NS1 / Type 1 : Dengue virus type 1 NS1 protein (GTX138149-pro)
- NS1 / Type 2 : Dengue virus type 2 NS1 protein (GTX138150-pro)
- NS1 / Type 3 : Dengue virus type 3 NS1 protein
- NS1 / Type 4 : Dengue virus type 4 NS1 protein (GTX138152-pro)



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