

Dengue virus type 4 NS1 protein, His tag

Cat. No. GTX138152-pro**Applications** ELISA, Lateral Flow, Sandwich ELISA**Species** Dengue virus**Package**

100 µg

Applications

Application Note

Recommended antibody pairs for sandwich ELISA:

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.

Recommended antibody pairs for Lateral Flow:

Capture : GTX640510 / GTX640511, Detection : GTX640511

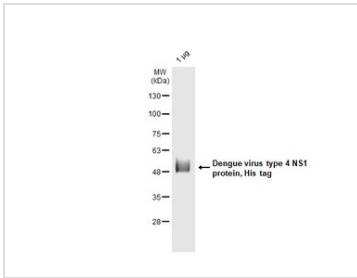
Properties

Form Lyophilized powder**Buffer** Reconstitute with distilled water to 0.8 mg/ml. Lyophilized from PBS, 2% Trehalose, 5% Mannitol, 0.01% Tween-80.**Preservative** No preservatives**Storage** Store at 4°C or below. After reconstitution, keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70°C or below. Do not vortex.**Region/Sequence** C-terminal His tagged full-length Dengue virus type 4 NS1 protein (775-1126 aa of ACW82884.1)**Expression System** HEK293 cells**Purity** >85%**Conjugation** Unconjugated**Note**

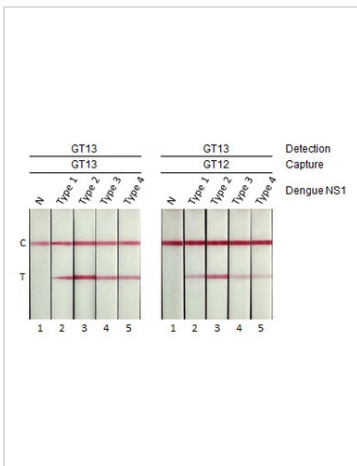
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.

For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTX138152-pro Image

GTX138152-pro Dengue virus type 4 NS1 protein, His tag was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.


GTX138152-pro Lateral Flow Image

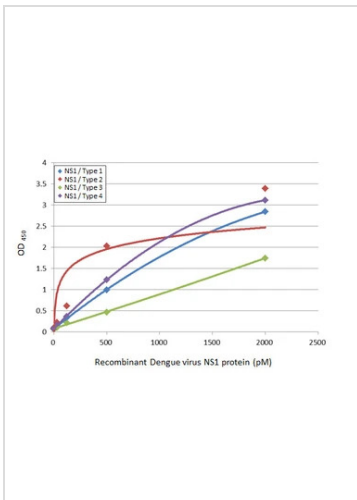
Detection of Dengue virus NS1 protein by lateral flow assay using the indicated recombinant mouse monoclonal antibodies.

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)


GTX138152-pro 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)



For full product information, images and publications, please visit our [website](https://www.genetex.com).