

## Influenza A virus Nucleoprotein antibody [HL1078]

Cat. No. GTX636199

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA
Reactivity	Influenza A virus

References ( 3 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

**Note : Capture : GTX636199 / GTX637790, Detection : GTX637790 / GTX636199.**

**Please notice that the detection antibodies need to be conjugated to Gold to function when paired with capture antibodies. Please contact us for custom Gold-conjugated antibody.**

**Capture : GTX636318 / GTX636199, Detection : GTX636199 / GTX636318. Please notice that GTX636199 / GTX636318 needs to be conjugated to HRP to function as the detection antibody when paired with GTX636318 / GTX636199. A Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

## Product Note

This antibody is specific for Influenza A virus Nucleoprotein protein (H1N1, H3N2, H5N8, and H10N3), and it does not cross-react with Influenza B virus Nucleoprotein protein.

## 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.)



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**Immunogen**

Recombinant protein encompassing a sequence within the center region of Influenza A virus Nucleoprotein (A/Kansas/14/2017(H3N2)). The exact sequence is proprietary.

**Purification**

Affinity purified by Protein A.

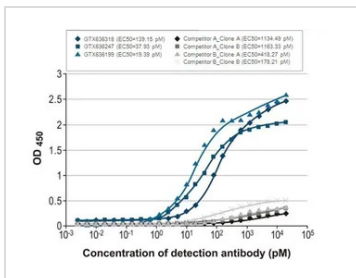
**Conjugation**

Unconjugated

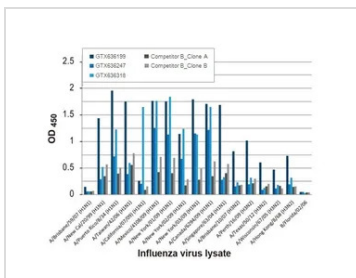
**Note**

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

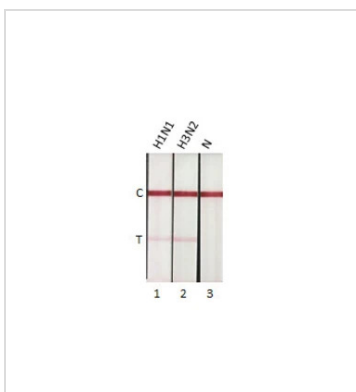
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**DATA IMAGES**

**GTx636199 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with recombinant influenza A virus nucleoprotein (A/Kansas/2017/H3N2), DDDDK Tag (GTx135903-pro) (50 ng), and probing with the specified influenza A virus nucleoprotein antibodies at the indicated concentrations. Goat anti-rabbit IgG antibody (HRP) (GTx213110-01) (1:10000) or goat anti-mouse IgG antibody (HRP) (GTx213111-01) (1:10000) were used to detect the bound primary antibodies.


**GTx636199 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with viral lysates (1 µg) derived from different strains of influenza A virus or influenza B virus and probing with the specified influenza A virus nucleoprotein antibodies (1 µg/ml). Goat anti-rabbit IgG antibody (HRP) (GTx213110-01) (1:10000) or goat anti-mouse IgG antibody (HRP) (GTx213111-01) (1:10000) were used to detect the bound primary antibodies.


**GTx636199 Lateral Flow Image**

Detection of influenza A virus nucleoprotein by lateral flow assay using the monoclonal antibody pair.

**Capture:** Influenza A virus Nucleoprotein antibody (GTx636199 [HL1078])

**Detection:** Influenza A virus Nucleoprotein antibody (GTx637790 [HL1953])

**Samples (1 ng) :**

1. Influenza A virus Nucleoprotein (A/California/2009 (H1N1)) (GTx135904-pro)
2. Influenza A virus Nucleoprotein (A/Hong Kong/2671/2019 (H3N2)) (GTx136317-pro)
3. Lysis buffer



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