

## Influenza B virus Nucleoprotein antibody [HL1073]

Cat. No. GTX636194

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA
<b>Reactivity</b>	Influenza B virus

★★★★★ 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 : GTX636194, Detection : GTX636099 / GTX636100****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 : GTX636194, Detection : GTX636099 / GTX636100 or Capture : GTX636099 / GTX636100, Detection : GTX636194. Please notice GTX63 6194 needs to be conjugated to HRP to function as the detection antibody when paired with GTX636099 / GTX636100.. Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of Influenza B virus Nucleoprotein (B/Taiwan/753/2005). The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.

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**Conjugation**

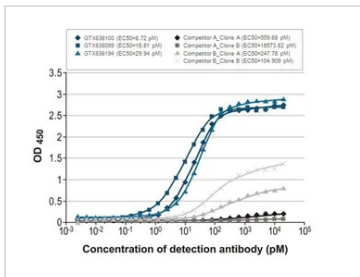
Unconjugated

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

**Note**

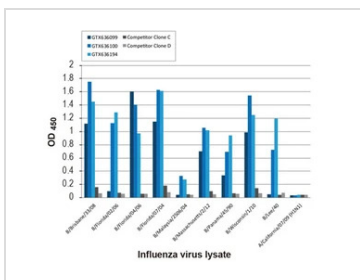
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**



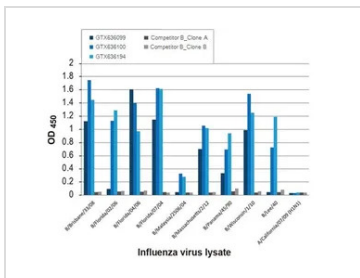
**GTX636194 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with recombinant influenza B virus nucleoprotein (B/Sydney/3/2004), DDDDK Tag (GTX135867-pro) (50 ng), and probing with the specified influenza B 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.



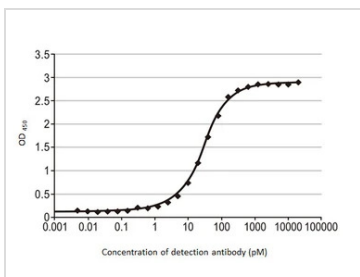
**GTX636194 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with viral lysates (1 µg) derived from different strains of influenza B virus or influenza A virus and probing with the specified influenza B 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.



**GTX636194 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with viral lysates (1 µg) derived from different strains of influenza B virus or influenza A virus and probing with the specified influenza B 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.



**GTX636194 ELISA Image**

Indirect ELISA analysis performed by coating plate with recombinant full-length Influenza B virus NP (nucleoprotein) protein, DDDDK tag (GTX135867-pro) (50 ng). Coated protein was probed with Influenza B virus Nucleoprotein antibody [HL1073] (GTX636194) (20000-4.77\*10<sup>-3</sup> pM). Rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.

EC50 : 29.94 pM



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