



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Influenza A virus Nucleoprotein antibody [HL1089]

Cat No. GTX636247

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

★★★★★ Review ( 1 )

Package  
100 µl, 25 µl

## APPLICATION

## Application Note

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

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

**Note : Capture : GTX636247, Detection : GTX636318 or Capture : GTX63318, Detection : GTX636247.**

**Please notice that GTX636247 needs to be conjugated to HRP to function as the detection antibody when paired with GTX636318. A Please contact us for custom HRP-conjugated antibody.**

Not tested in other applications.

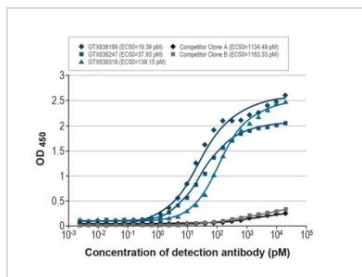
## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<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 center region of Influenza A virus Nucleoprotein (A/Kansas/14/2017(H3N2)). The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

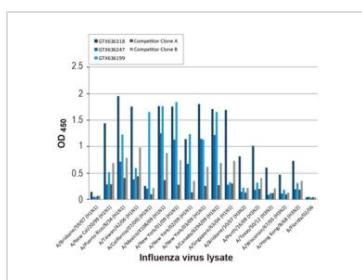


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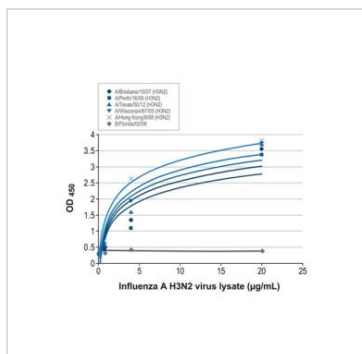
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**DATA IMAGES**

**GTx636247 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with recombinant influenza A virus nucleoprotein protein (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.


**GTx636247 ELISA Image**

Indirect ELISA analysis was performed by coating a plate with viral lysates (1  $\mu$ g) derived from different strains of influenza A virus or influenza B virus and probing with the specified influenza A virus nucleoprotein antibodies (1  $\mu$ g/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.

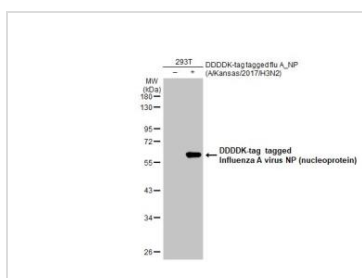

**GTx636247 ELISA Image**

Sandwich ELISA detection of viral lysate derived from different strains of Influenza A virus (i.e., A/Brisbane/10/07 (H3N2); A/Perth/16/09 (H3N2); A/Texas/50/12 (H3N2); A/Wisconsin/67/05 (H3N2); A/Hong Kong/8/68 (H3N2)) and Influenza B virus (i.e., B/Florida/02/06) using antibodies as below.

**Capture:** Influenza A virus Nucleoprotein antibody [HL1103] (GTx636318) (5  $\mu$ g/mL)

**Detection:** HRP-conjugated Influenza A virus Nucleoprotein antibody [HL1089] (GTx636247) (1  $\mu$ g/mL)

Please notice that GTx636247 needs to be conjugated to HRP to function as the detection antibody when paired with GTx636318. Please contact us for custom HRP-conjugated antibody.


**GTx636247 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Influenza A virus Nucleoprotein antibody [HL1089] (GTx636247) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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