

## Influenza A virus Nucleoprotein (A/California/2009 (H1N1)), DDDDK Tag

**Cat. No. GTX135904-pro**

|                    |   |
|--------------------|---|
| <b>Application</b> | WB, ELISA, Lateral Flow, Sandwich ELISA |
| <b>Species</b>     | Influenza A virus                       |

**Package**  
100 µg

## APPLICATION

**Application Note**

Recommended antibody pairs for sandwich ELISA:

Capture : GTX636282 / GTX636199 / GTX636247, Detection : GTX636318

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

Recommended antibody pairs for Lateral Flow:

Capture : GTX636199 / GTX637790, Detection : GTX637790 / GTX636199 ; Capture : GTX636247 / GTX637790, Detection : GTX637790 / GTX636247 or

Capture : GTX637789, Detection : GTX636199

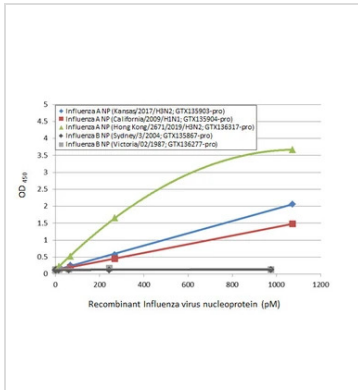
Please notice that the detection antibodies need to be conjugated to Gold to function when paired with capture antibodies. Please contact us for custom Gold-conjugated antibody.

## PROPERTIES

|                          |   |
|--------------------------|---|
| <b>Form</b>              | Liquid  |
| <b>Buffer</b>            | 90mM Tris, 1M Arginine  |
| <b>Preservative</b>      | No preservative   |
| <b>Storage</b>           | Store as concentrated solution. Centrifuge briefly prior to opening vial. 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. |
| <b>Concentration</b>     | 0.9 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Region/Sequence</b>   | C-terminal DDDDK tagged full length NP (nucleoprotein) of Influenza A virus (A/California/2009/H1N1)(QFR38304)  |
| <b>Expression System</b> | HEK293 cells  |
| <b>Purity</b>            | >90%  |
| <b>Conjugation</b>       | Unconjugated  |
| <b>Note</b>              | For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  |



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

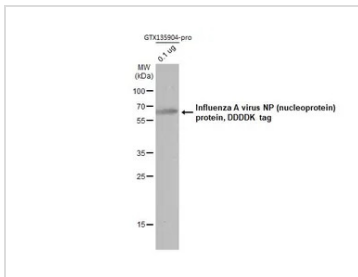
**DATA IMAGES**

**GTx135904-pro ELISA Image**

Sandwich ELISA detection of recombinant nucleoproteins (NP) derived from different strains of Influenza A virus (i.e., A/Kansas/2017 (H3N2); A/California/2009 (H1N1); A/Hong Kong/2671/2019 (H3N2)) and Influenza B virus (i.e., B/Sydney/3/2004; B/Victoria/02/1987) using antibodies as below.

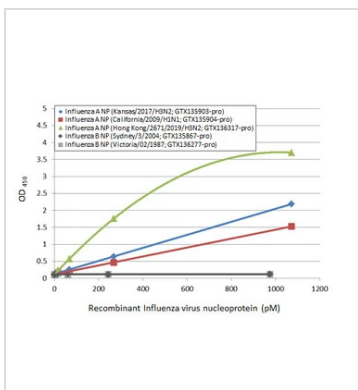
**Capture:** Influenza A virus NP (nucleoprotein) antibody [HL1089] (GTx636247) (5 µg/mL)

**Detection:** HRP-conjugated Influenza A virus NP (nucleoprotein) antibody [HL1103] (GTx636318) (1 µg/mL).

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


**GTx135904-pro WB Image**

Influenza A virus NP (nucleoprotein) protein, DDDDK tag (GTx135904-pro, 0.1 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with the DDDDK tag antibody diluted at 1:10000.

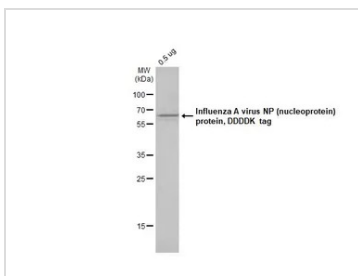

**GTx135904-pro ELISA Image**

Sandwich ELISA detection of recombinant nucleoproteins (NP) derived from different strains of Influenza A virus (i.e., A/Kansas/2017 (H3N2); A/California/2009 (H1N1); A/Hong Kong/2671/2019 (H3N2)) and Influenza B virus (i.e., B/Sydney/3/2004; B/Victoria/02/1987) using antibodies as below.

**Capture:** Influenza A virus NP (nucleoprotein) antibody [HL1078] (GTx636199) (5 µg/mL)

**Detection:** HRP-conjugated Influenza A virus NP (nucleoprotein) antibody [HL1103] (GTx636318) (1 µg/mL).

Please notice that GTx636318 needs to be conjugated to HRP to function as the detection antibody when paired with GTx636199. Please contact us for custom HRP-conjugated antibody.


**GTx135904-pro Image**

0.5 µg of GTx135904-pro Influenza A virus NP (nucleoprotein) protein, DDDDK tag was analyzed using SDS-PAGE and stained with coomassie blue and captured by monochrome camera.



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