Respiratory Syncytial virus type A Nucleoprotein, DDDDK tag

Cat. No. GTX136751-pro

Applications	WB, ELISA, Lateral Flow, Sandwich ELISA
Species	Respiratory syncytial virus type A

Package
100 µg

Applications

Application Note

Recommended antibody pairs for Lateral Flow:
Capture : GTX638184, Detection : GTX638186, or Capture : GTX636650, Detection : GTX636648

Recommended antibody pairs for sandwich ELISA:
Capture : GTX636711 / GTX636649, Detection : GTX640511, or Capture : GTX636650 / GTX636649, Detection : GTX636648, or Capture : GTX636709, Detection : GTX636649, or Capture : GTX636647, Detection : GTX636705
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.

Properties

Form	Liquid
Buffer	Tris, 500mM NaCl
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. For long-term storage after reconstitution, aliquot and store at -70ºC or below. Do not vortex.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Respiratory syncytial virus of YP_009518852.1 (1-391 a.a) with DDDDK tag at the C-terminus
Expression System	HEK293 cells
Purity	>95%
Conjugation	Unconjugated
Note	For *In vitro* 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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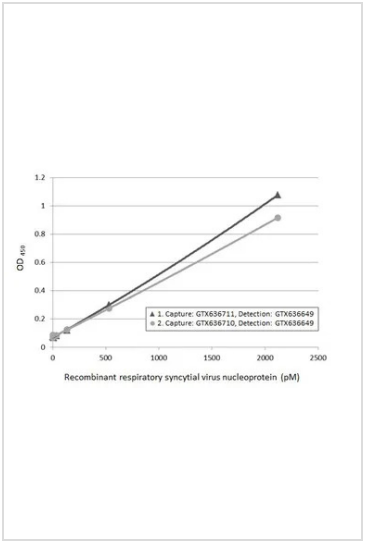
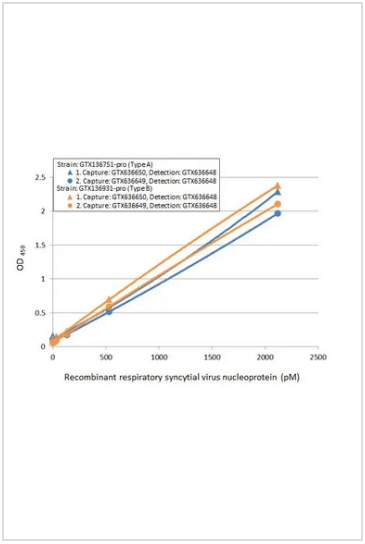
DATA IMAGES



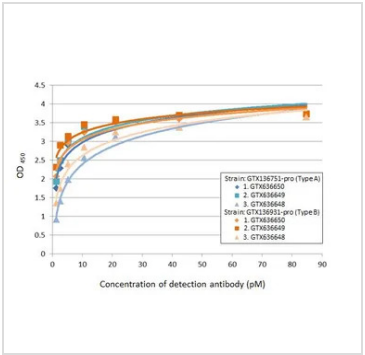
GTX136751-pro ELISA Image

Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucloprotein, DDDDK tag (GTX136751-pro) using ELISA pairs below.
Pair 1:
Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (GTX636711) (5 µg/mL)
Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (GTX636649) conjugated with HRP (1 µg/mL)
Pair 2:
Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (GTX636710) (5 µg/mL)
Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (GTX636649) conjugated with HRP (1 µg/mL)
Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one.
Please contact us for custom HRP-conjugated antibody.



GTX136751-pro ELISA Image

Sandwich ELISA of recombinant nucleoproteins (NP) derived from different strains of respiratory syncytial virus (i.e., type A; type B) using ELISA pairs below.
Pair 1:
Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (GTX636650) (5 µg/mL)
Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (GTX636648) conjugated with HRP (1 µg/mL)
Pair 2:
Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (GTX636649) (5 µg/mL)
Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (GTX636648) conjugated with HRP (1 µg/mL)
Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one.
Please contact us for custom HRP-conjugated antibody.



GTX136751-pro ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant nucleoproteins (NP) derived from different strains of respiratory syncytial virus (i.e., type A; type B) (84.76-1.32 nM). Coated protein was probed with Respiratory Syncytial virus Nucleoprotein antibodies (1 µg/mL) below. Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.
Antibodies:
1. Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (GTX636650)
2. Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (GTX636649)
3. Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (GTX636648)

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