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JOT0003-1

Anti-Influenza A virus nucleoprotein VHH antibody (NP01)

<b>Name</b>	Anti-Influenza A virus nucleoprotein VHH antibody (NP01)
<b>Specificity</b>	Recombinant full-length nucleoprotein
<b>Description</b>	Camelid derived single domain antibody, expressed in <i>E. coli</i> under conditions free from animal derived components
<b>Conjugate and tags</b>	Un-conjugated; with a 6*His tag and a HA tag at its C-terminal
<b>Application</b>	ELISA, SPR, WB
<b>Purification</b>	Affinity chromatography purified via Ni-charged resin
<b>Format</b>	Liquid
<b>Product buffer solution</b>	PBS, pH 7.4, without preservative
<b>Storage</b>	-20 °C
<b>Analyte description</b>	Influenza virus NP is a major structural protein in Influenza virus particles and has multiple functions in the viral infectious cycle. Nucleoprotein (NP) is the major component of the ribonucleoprotein complex and a critical factor in the viral infectious cycle in switching influenza virus RNA synthesis from transcription mode to replication mode. NP binds RNA with high affinity in a sequence-independent manner.

#### PARAMETERS TESTED ON EACH LOT

<b>Product concentration</b>	1.183 mg/mL
<b>Purity</b>	≥95%
<b>Affinity constant</b>	Not tested
<b>Cross-reactivities</b>	Not tested
<b>Epitope</b>	Determined for pair recommendation via competition assays; has non-overlapping binding epitope with JOT0003-3
<b>Pair recommendations</b>	JOT0003-1 and JOT0003-3
<b>Material safety note</b>	This product is sold <b>for research use only</b> . Standard Laboratory Practices should be followed when handling this material.