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JOT0003-3

Anti-Influenza A virus nucleoprotein VHH antibody (NP03)

Name	Anti-Influenza A virus nucleoprotein VHH antibody (NP01)
Specificity	Recombinant full-length nucleoprotein
Description	Camelid derived single domain antibody, expressed in <i>E. coli</i> under conditions free from animal derived components
Conjugate and tags	Un-conjugated; with a 6*His tag and a HA tag at its C-terminal
Application	ELISA, SPR, WB
Purification	Affinity chromatography purified via Ni-charged resin
Format	Liquid
Product buffer solution	PBS, pH 7.4, without preservative
Storage	-20 °C
Analyte description	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

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