

## Product Datasheet

# Influenza B virus Nucleoprotein (NP) Protein (Control) (orb1921816)

<b>Catalog Number</b>	orb1921816
<b>Category</b>	Proteins
<b>Description</b>	<p>Influenza B viruses are enveloped, negative-sense single-stranded viruses consisting of 8 genomic RNA segments that code for at least 11 viral proteins. These proteins comprise the polymerase subunits (PA, PB1 and PB2), non-structural protein (NS1), nuclear export protein (NEP), matrix protein (BM1), ion channel (BM2), surface glycoproteins (HA, NA and NB) and the nucleoprotein (NP). NB is encoded in the same segment as NA (segment 6) and while it is the only protein unique to influenza B viruses, its function is not fully understood. A brief summary of the functions of influenza B proteins are given in the Figure.</p>
<b>Form/Appearance</b>	Purified,Liquid
<b>Buffer/Preservatives</b>	50mM Tris, 1M NaCl, 2% glycerol, pH8.0
<b>Purity</b>	>95% pure (SDS-PAGE)
<b>Purification</b>	Ni+ Chromatography
<b>MW</b>	63 kDa
<b>Tested applications</b>	CLIA
<b>Expression System</b>	E. coli
<b>Matched Pairs</b>	Control: orb1921816; Capture: orb1921814; Detection: orb1921815;
<b>Source</b>	Influenza B virus (B/Beijing/184/93)
<b>Sample Types</b>	Test sample type: Nasopharyngeal swab /Oropharyngeal swab / Nasal swab. Test sample source: Human

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<b>Storage</b>	For long term storage, the product should be stored at -20°C or lower.
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

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