

ARG70631 Andes Virus nucleocapsid peptide

Package: 50 µg
Store at: -20°C

Summary

Product Description	The peptide is used for blocking the activity of anti-Andes Virus nucleocapsid antibody ARG46767
Tested Application	BL
Target Name	Andes Virus nucleocapsid
A.A. Sequence	19 amino acids near the amino terminus of the Andes virus nucleocapsid.

Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent

Application Note This peptide usually blocks anti-Andes Virus nucleocapsid antibody [ARG46767](#); activity completely by incubating the peptide with equal volume of antibody for 30 min at at 37°C.

Properties

Form	Liquid
Buffer	PBS (pH 7.2), 0.02% sodium azide and 0.1% BSA
Concentration	200 µg/ml
Storage instruction	Store peptide at -20°C, stable for one year. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background Andes virus (ANDV) is a rodent-borne hantavirus of the family Bunyaviridae, an enveloped, negative-sense RNA viruses with a tripartite genome that can cause hantavirus pulmonary syndrome (HPS) (1). It was isolated from an infected *Oligoryzomys longicaudatus* rodent in Chile, and is highly similar to the Sin Nombre virus (SNV).