

## ARG70636 Hantaan Virus nucleocapsid peptide

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	The peptide is used for blocking the activity of anti-Hantaan Virus nucleocapsid antibody <a href="#">ARG46772</a>
Tested Application	BL
Target Name	Hantaan Virus nucleocapsid
A.A. Sequence	18 amino acids near the amino terminus of the Hantaan virus nucleocapsid.

### Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent

**Application Note** This peptide usually blocks anti-Hantaan Virus nucleocapsid antibody [ARG46772](#) 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** Hantaan virus (HNTV) is the prototype virus of the genus hantavirus of the family Bunyaviridae, an enveloped, negative-sense RNA virus that is the biological agent of Korean hemorrhagic fever (1). Infection of cultured Vero E6 cells with HNTV induced expression of the heat shock protein HSP70. A substantial fraction of HSP70 was found to be associated with the HNTV nucleocapsid (NP) (2). Vero E6 cells that overexpress HSP70 show significantly reduced levels of NP and an increased resistance to infection by HNTV (2).