

La Crosse Virus Nucleocapsid Antibody

Catalog # ASC11675

Product Information

Application	E
Primary Accession	Q8JPRO
Other Accession	AAM94389 , 22212786
Reactivity	Virus
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	26556
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	La Crosse virus nucleocapsid antibody can detect 10 ng La Crosse virus nucleocapsid peptide in ELISA at 1 µg/mL.

Additional Information

Gene ID	956556
Other Names	Nucleoprotein, Nucleocapsid protein, Protein N, N
Target/Specificity	N;
Reconstitution & Storage	Rift Valley Fever Virus Nucleocapsid antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Precautions	La Crosse Virus Nucleocapsid Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	N
Function	Encapsidates the genome protecting it from nucleases. The encapsidated genomic RNA is termed the nucleocapsid (NC) and serves as template for transcription and replication. The NC have a helical organization. Seems to participate in the nuclear relocalization of host PABP1, thereby inhibiting host cellular translation.
Cellular Location	Virion {ECO:0000250 UniProtKB:P16495}. Note=Located inside the virion, complexed with the viral RNA {ECO:0000250 UniProtKB:P16495}

Background

La Crosse Virus Nucleocapsid Antibody: La Crosse virus (LCV) is a single-stranded RNA virus that can cause encephalitis in humans and is transmitted predominantly by mosquitoes. It is often mistaken for herpes simplex encephalitis (1). During human infections, LCV initially presents as a nonspecific summertime illness with fever, headache, nausea, vomiting and lethargy. Death occurs in less than 1% of clinical cases.

References

McJunkin JE, de los Reyes EC, Irazuzta JE, et al. La Crosse encephalitis in children. N. Eng. J. Med. 2001; 344:801-7.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.