

Datasheet for 600-401-CHO**La Crosse Virus Nucleocapsid Antibody****Overview**

Description:	Anti-La Crosse Virus Nucleocapsid (RABBIT) Antibody - 600-401-CHO
Item No.:	600-401-CHO
Size:	100 µg
Applications:	ELISA
Reactivity:	Virus
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	La Crosse Virus Nucleocapsid Antibody, Nucleoprotein, Nucleocapsid protein, Protein N
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	N
Reactivity:	Virus
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-La Crosse virus nucleocapsid antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the internal region of the La Crosse virus nucleocapsid.
Purity/Specificity:	Anti-La Crosse Virus Nucleocapsid Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with La Crosse Virus Nucleocapsid from other sources has not been determined.

Relevant Links:	• UniProtKB - Q8JPRO • GeneID - 956556 • NCBI - AAM94389
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-La Crosse Virus Nucleocapsid Antibody has been tested for use in ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 27 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.