

Mouse NOV/CCN3 ELISA Kit | NOV elisa kit

Mouse NOV/CCN3 PicoKine ELISA Kit

CATALOG # AAA46761	REACTIVITY Mouse
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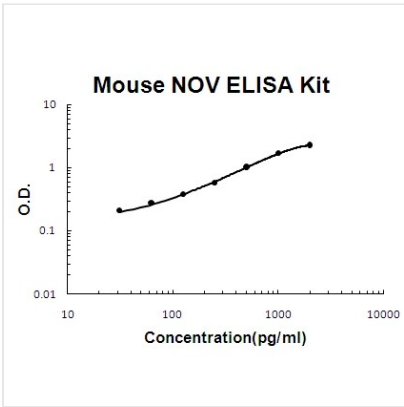
PRODUCT SYNONYMS

NOV/CCN3; Mouse NOV/CCN3 PicoKine ELISA Kit; ccn 3; CCN family member 3; CCN3; IGFBP9; NOVH; IBP-9; IGF-binding protein 9; IGFBP-9; nephroblastoma overexpressed; NovH; P48745; Protein NOV homolog; NOV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse NOV
Sequence Length	354
Assay Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Anticoagulant	heparin or EDTA
TMB incubation time	25-30
Immunogen	NSO, Q22-I354
Sample Data	Concentration(pg/ml): 0 31.2 62.5 125 250 500 1000 2000 O.D.: 0.148 0.209 0.275 0.372 0.569 1.018 1.668 2.264
Intra/Inter Assay Precision	Sample: 1 2 3 1 2 3 n: 16 16 16 24 24 24 Mean(pg/ml): 88.2 324 1258 101.3 410 1442 Standard Deviation: 3.97 20.09 72.96 6.48 31.57 103.82 CV(%): 4.5 6.2 5.8 6.4 7.7 7.2
Assay Procedure Step 1	Aliquot 0.1ml per well of the 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml mouse NOV standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse NOV standard solution and each sample be measured in duplicate.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)
Mouse NOV/CCN3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for NOV elisa kit	For quantitative detection of mouse NOV in cell culture supernates, cell lysates, tissue homogenates, serum and plasma (heparin, EDTA). Background: NOV (nephroblastoma overexpressed), also known as CCN3, is a matricellular protein that in humans is encoded by the NOV gene. The protein encoded by this gene is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. This gene is mapped to 8q24.12. NOV is a potentially useful marker for the identification of adrenal gland diseases, malignant adrenocortical tumors, multiple sclerosis and so on. Moreover, reduced expression of NOV in ACTs may play an important role in the process of childhood ACT tumorigenesis. Though studying, it identified Nov as a regulator of human hematopoietic stem or progenitor cells. Principle: Mouse NOV ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from Rat specific for NOV has been precoated onto 96-well plates. Standards(Expression system for standard: NSO, Immunogen sequence: Q22-I354) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for NOV is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substRate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse NOV amount of sample captured in plate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754876
NCBI GeneID	18133
NCBI Accession #	NP_035060.1
NCBI GenBank Nucleotide #	NM_010930.4
UniProt Accession #	Q64299; Q8CA67
Molecular Weight	38,928 Da
NCBI Official Full Name	protein NOV homolog
NCBI Official Synonym Full Names	nephroblastoma overexpressed gene
NCBI Official Symbol	Nov
NCBI Official Synonym Symbols	CCN3; C130088N23Rik
NCBI Protein Information	protein NOV homolog
UniProt Protein Name	Protein NOV homolog
UniProt Gene Name	Nov

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/nov-ccn3/46761>