

Human NOV ELISA Kit | NOV elisa kit

Human NOV ELISA Kit

CATALOG # AAA105541	REACTIVITY Human	APPLICATIONS ELISA
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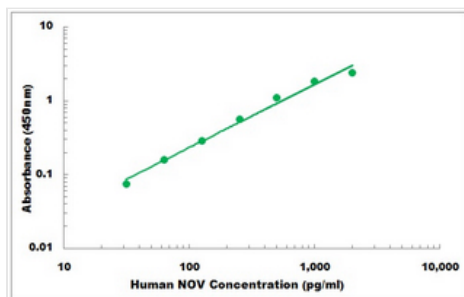
PRODUCT SYNONYMS

NOV; Human NOV ELISA Kit; CCN3; IGFBP9; NOVH; Protein NOV homolog; NovH; CCN family member 3; Insulin-like growth factor-binding protein 9; IBP-9; IGF-binding protein 9; IGFBP-9; Nephroblastoma-overexpressed gene protein homolog; NOV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human NOV ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human NOV proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	357
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	The minimum detectable dose of Human NOV is typically less than 2 pg/ml.
Applicable Applications for NOV elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOV elisa kit

Principle of the assay: The Human NOV ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human NOV in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human NOV coated on a 96-well plate. Standards and samples are pipetted into the wells and NOV present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human NOV antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of NOV bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505423
NCBI GeneID	4856
NCBI Accession #	NP_002505.1
NCBI GenBank Nucleotide #	NM_002514.3
UniProt Accession #	P48745 ; Q6I9S3 ; Q96BY5 ; Q9UDE4 ; B2R5X7
Molecular Weight	39,162 Da
NCBI Official Full Name	protein NOV homolog
NCBI Official Synonym Full Names	nephroblastoma overexpressed
NCBI Official Symbol	NOV
NCBI Official Synonym Symbols	CCN3; NOVh; IBP-9; IGFBP9; IGFBP-9
NCBI Protein Information	protein NOV homolog; CCN family member 3; IGF-binding protein 9; insulin-like growth factor-binding protein 9; nephroblastoma-overexpressed gene protein homolog
UniProt Protein Name	Protein NOV homolog
UniProt Gene Name	NOV
UniProt Synonym Gene Names	CCN3; IGFBP9; NOVH; NovH; IBP-9; IGF-binding protein 9; IGFBP-9
UniProt Entry Name	NOV_HUMAN

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/human-elisa-kits/nov/105541>