

Human Nephroblastoma Overexpressed Gene (NOV) ELISA Kit | NOV elisa kit

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CATALOG #
AAA149925

REACTIVITY
Human

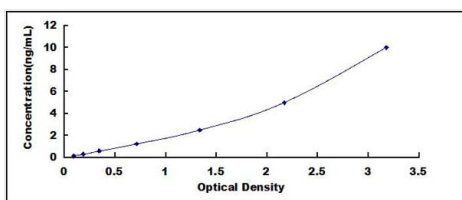
PRODUCT SYNONYMS

Nephroblastoma Overexpressed Gene (NOV); Human Nephroblastoma Overexpressed Gene (NOV) ELISA Kit; CCN3; IGFBP9; NOVH; IBP-9; Insulin-like growth factor-binding protein 9; Protein NOV homolog; NOV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Nephroblastoma Overexpressed Gene (NOV). No significant cross-reactivity or interference between Nephroblastoma Overexpressed Gene (NOV) and analogues was observed.
Sequence Length	357
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Nephroblastoma Overexpressed Gene (NOV) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Nephroblastoma Overexpressed Gene (NOV) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOV elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nephroblastoma Overexpressed Gene (NOV). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Nephroblastoma Overexpressed Gene (NOV). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Nephroblastoma Overexpressed Gene (NOV), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Nephroblastoma Overexpressed Gene (NOV) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NOV elisa kit	Tumor Immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505423
NCBI Accession #	NP_002505.1
NCBI GenBank Nucleotide #	NP_002505.1
UniProt Accession #	P48745
NCBI Official Full Name	CCN family member 3
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/nephroblastoma-overexpressed-gene-nov/149925>