

Mouse NOPE ELISA Kit | IGDCC4 elisa kit

Mouse NOPE ELISA Kit

CATALOG #
AAA263126

REACTIVITY
Mouse

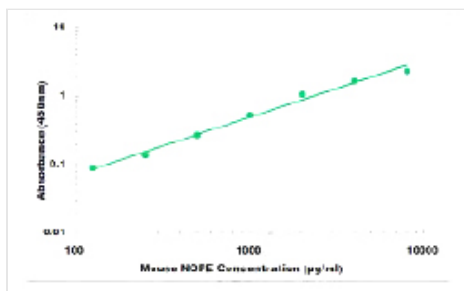
PRODUCT SYNONYMS

NOPE; Mouse NOPE ELISA Kit; DDM36; KIAA1628; Immunoglobulin superfamily DCC subclass member 4; Neighbor of punc e11; Protein DDM36; hDDM36; IGDCC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse NOPE ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse NOPE proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	1253
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
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 IGDCC4 elisa kit

Principle of the Assay: The Mouse NOPE ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse NOPE in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse NOPE coated on a 96-well plate. Standards and samples are pipetted into the wells and NOPE present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse NOPE 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 NOPE bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: IGDCC4, also known as NOPE, plays essential roles in biologic functions of the cell surface, including cell adhesion, cell migration, and signal transduction. NOPE is identified as an oncofetal marker of murine and human hepatocellular carcinoma (HCC). Its expression is elevated in mouse and human hepatoma cell lines and in mouse hepatomas, but it is not expressed in normal liver or preneoplastic mouse HCC. Furthermore, NOPE is expressed in both AFP -positive and -negative tumors and is specifically expressed in epithelial tumor cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	594140558
NCBI GeneID	56741
NCBI Accession #	NP_001277244.1
NCBI GenBank Nucleotide #	NM_001290315.1
UniProt Accession #	Q9EQS9; Q80TB0; Q9EQS8; Q9JLI1
Molecular Weight	139,524 Da
NCBI Official Full Name	immunoglobulin superfamily DCC subclass member 4 isoform 1
NCBI Official Synonym Full Names	immunoglobulin superfamily, DCC subclass, member 4
NCBI Official Symbol	Igdcc4
NCBI Official Synonym Symbols	Nope; DDM36
NCBI Protein Information	immunoglobulin superfamily DCC subclass member 4
UniProt Protein Name	Immunoglobulin superfamily DCC subclass member 4
UniProt Gene Name	Igdcc4
UniProt Synonym Gene Names	Ddm36; Kiaa1628; Nope
UniProt Entry Name	IGDC4_MOUSE

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://www.aaabiotech.com/igdcc4-mouse-elisa-kits/nope/263126>