

Mouse NOPE/IGDCC4 ELISA Kit | IGDCC4 elisa kit

Mouse NOPE/IGDCC4 PicoKine ELISA Kit

CATALOG #
AAA46691

REACTIVITY
Mouse

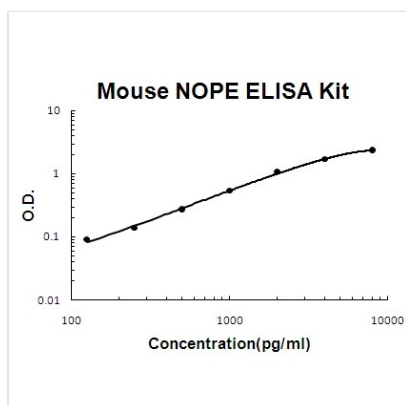
PRODUCT SYNONYMS

NOPE/IGDCC4; Mouse NOPE/IGDCC4 PicoKine ELISA Kit; DDM 36; DDM36; hDDM 36; hDDM36; IGDCC4; KIAA1628; NOPE; Q9EQS9; Immunoglobulin superfamily DCC subclass member 4; immunoglobulin superfamily DCC subclass member 4; IGDCC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse NOPE/IGDCC4
Sequence Length	1253
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	125pg/ml-8000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Mouse NOPE/IGDCC4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IGDCC4 elisa kit	Principle of the Assay: Mouse NOPE/IGDCC4 ELISA Kit was based on standard sandwich enzyme-linked immunosorbent assay technology. A monoclonal antibody from mouse specific for NOPE/IGDCC4 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: E25-H954) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for NOPE/IGDCC4 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 NOPE/IGDCC4 amount of sample captured in plate. Background/Introduction: 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.
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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.