

Mouse Transmembrane glycoprotein NMB ELISA Kit | Gpnmb elisa kit

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CATALOG #
AAA99219

REACTIVITY
Mouse

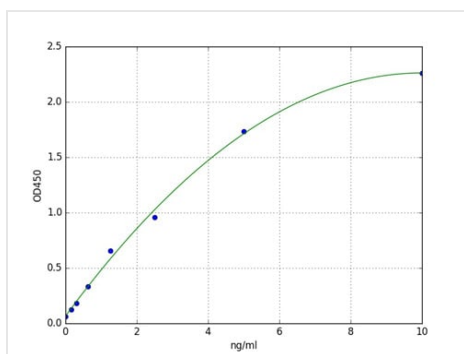
PRODUCT SYNONYMS

Transmembrane glycoprotein NMB; Mouse Transmembrane glycoprotein NMB ELISA Kit; Gpnmb/Dchil/Nmb/Nmb/Transmembrane glycoprotein NMB/Osteoactivin/DC-HIL/Dendritic cell-associated transmembrane protein; Gpnmb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	572
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Gpnmb ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.002	0.055	0.140	0.229	0.474	0.816	1.644	2.920

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gpnmb elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Gpnmb antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Gpnmb antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Gpnmb amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Gpnmb can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52694752
NCBI GeneID	10457
NCBI Accession #	NP_001005340.1
NCBI GenBank Nucleotide #	NM_001005340.1
Molecular Weight	62,643 Da
NCBI Official Full Name	transmembrane glycoprotein NMB isoform a
NCBI Official Synonym Full Names	glycoprotein nmb
NCBI Official Symbol	GPNMB
NCBI Official Synonym Symbols	NMB; HGFIN
NCBI Protein Information	transmembrane glycoprotein NMB
UniProt Protein Name	Transmembrane glycoprotein NMB
UniProt Gene Name	GPNMB
UniProt Synonym Gene Names	HGFIN; NMB
UniProt Entry Name	GPNMB_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/gpnmb-mouse-elisa-kits/transmembrane-glycoprotein-nmb/99219>