

Rat Transmembrane glycoprotein NMB, GPNMB ELISA Kit | GPNMB elisa kit

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CATALOG #
AAA123405

REACTIVITY
Rat

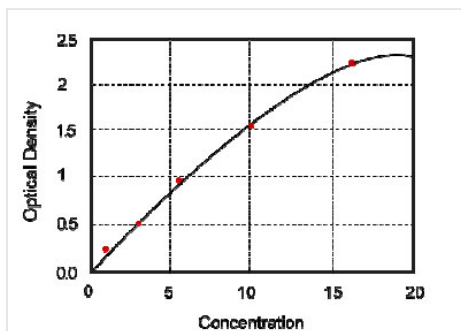
PRODUCT SYNONYMS

Transmembrane glycoprotein NMB; GPNMB; Rat Transmembrane glycoprotein NMB; GPNMB ELISA Kit; GPNMB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	572
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3-900ng/L
Sensitivity	1.63ng/L
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPNMB elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Transmembrane glycoprotein NMB (also known as GPNMB) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat GPNMB antibody. GPNMB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GPNMB Antibody is added and binds to GPNMB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GPNMB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat GPNMB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52694752
NCBI GeneID	10457
NCBI GenBank Nucleotide #	NP_001005340.1
UniProt Accession #	Q14956
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; PLCA3
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.