

Human Beta-microseminoprotein ELISA Kit | MSMB elisa kit

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CATALOG #
AAA99040

REACTIVITY
Human

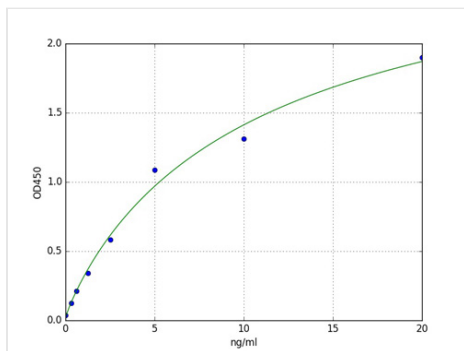
PRODUCT SYNONYMS

Beta-microseminoprotein; Human Beta-microseminoprotein ELISA Kit; MSMB/PSP94/IGBF/MSPB/PIP/PN44/PRPS/PSP57; MSMB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	114
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Human MSMB 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.121	0.220	0.324	0.769	1.034	1.332	2.156

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSMB elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human MSMB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MSMB 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 Human MSMB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MSMB can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4557036

NCBI GeneID	4477
NCBI Accession #	NP_002434.1
NCBI GenBank Nucleotide #	NM_002443.3
Molecular Weight	8,778 Da
NCBI Official Full Name	beta-microseminoprotein isoform a
NCBI Official Synonym Full Names	microseminoprotein, beta-
NCBI Official Symbol	MSMB
NCBI Official Synonym Symbols	MSP; PSP; IGBF; MSPB; PN44; PRPS; HPC13; PSP57; PSP94; PSP-94
NCBI Protein Information	beta-microseminoprotein
UniProt Protein Name	Beta-microseminoprotein
UniProt Gene Name	MSMB
UniProt Synonym Gene Names	PRSP; IGBF; PSP-94; PSP94
UniProt Entry Name	MSMB_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/msmb-human-elisa-kits/beta-microseminoprotein/99040>