

Human Microseminoprotein Beta (MSMb) ELISA Kit | MSMb elisa kit

Human Microseminoprotein Beta (MSMb) ELISA Kit

CATALOG #
AAA64436

REACTIVITY
Human

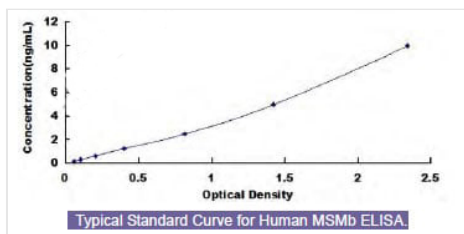
PRODUCT SYNONYMS

Microseminoprotein Beta (MSMb); Human Microseminoprotein Beta (MSMb) ELISA Kit; MSM-B; IGBF; MSP; MSPB; PN44; PRPS; PSP; PSP57; PSP94; Immunoglobulin-binding factor; Prostate secreted seminal plasma protein; plasma beta-inhibin; MSMb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MSMb. No significant cross-reactivity or interference between MSMb and analogues was observed.
Sequence Length	114
Samples	Serum, plasma, seminal plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MSMb were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MSMb were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MSMB elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MSMB in human serum, plasma, seminal plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MSMB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MSMB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MSMB, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MSMB in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557036
NCBI GeneID	4477
NCBI Accession #	NP_002434.1
NCBI GenBank Nucleotide #	NM_002443.3
UniProt Accession #	P08118; P11999; Q13125; Q6IAY9; Q9UC59; B1API6
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/microseminoprotein-beta-msmb/64436>