

Mouse Sperm surface protein Sp17 ELISA Kit | Spa17 elisa kit

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CATALOG #
AAA56312

REACTIVITY
Mouse

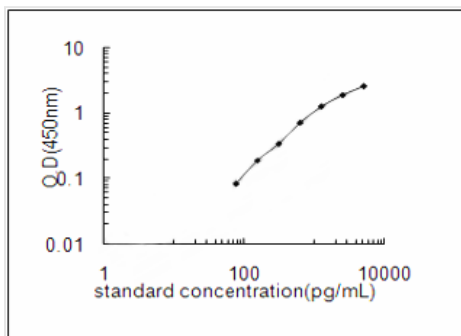
PRODUCT SYNONYMS

Sperm surface protein Sp17; Mouse Sperm surface protein Sp17 ELISA Kit; Spa17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Sperm surface protein Sp17. No significant cross-reactivity or interference was observed.
Sequence Length	151
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	40.7 pg/mL
Intra-Assay CV	<=6.4%
Inter-Assay CV	<=8.5%
Recovery	116%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Spa17 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Sperm surface protein Sp17. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Sperm surface protein Sp17 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Sperm surface protein Sp17, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Sperm surface protein Sp17 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755614
NCBI GeneID	20686
NCBI Accession #	NP_035579.1
NCBI GenBank Nucleotide #	NM_011449.2
UniProt Accession #	Q62252
Molecular Weight	17,296 Da
NCBI Official Full Name	sperm surface protein Sp17
NCBI Official Synonym Full Names	sperm autoantigenic protein 17
NCBI Official Symbol	Spa17
NCBI Official Synonym Symbols	Sp17
NCBI Protein Information	sperm surface protein Sp17
UniProt Protein Name	Sperm surface protein Sp17
UniProt Gene Name	Spa17
UniProt Synonym Gene Names	Sp17
UniProt Entry Name	SP17_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.

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Online datasheet: <https://www.aaabiotech.com/spa17-mouse-elisa-kits/sperm-surface-protein-sp17/56312>