

Human Sperm surface protein Sp17, SPA17 ELISA Kit | SPA17 elisa kit

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CATALOG #
AAA123681

REACTIVITY
Human

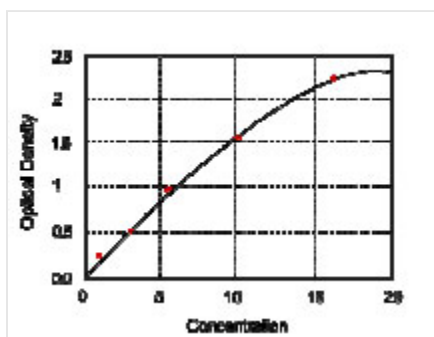
PRODUCT SYNONYMS

Sperm surface protein Sp17; SPA17; Human Sperm surface protein Sp17; SPA17 ELISA Kit; SPA17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	149
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-4500ng/L
Sensitivity	10.16ng/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 SPA17 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Sperm surface protein Sp17 (also known as SPA17) 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 Human SPA17 antibody. SPA17 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SPA17 Antibody is added and binds to SPA17 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SPA17 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 Human SPA17. 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 #	6755614
NCBI GenBank Nucleotide #	NP_035579.1
UniProt Accession #	Q62252
NCBI Official Full Name	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/human-elisa-kits/sperm-surface-protein-sp17-spa17/123681>