

Human Spermatogenesis-Associated Serine-Rich Protein 1 (SPATS1) ELISA Kit | SPATS1 elisa kit

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CATALOG # AAA330751	REACTIVITY Human
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PRODUCT SYNONYMS

Spermatogenesis-Associated Serine-Rich Protein 1 (SPATS1); Human Spermatogenesis-Associated Serine-Rich Protein 1 (SPATS1) ELISA Kit; SPATS1; RP11-444E17.3; FLJ25442; MGC119210; MGC119211; MGC119212; MGC119213; MGC133020; SPATA8; SRSP1; SPATS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Spermatogenesis-associated serine-rich protein 1 (SPATS1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPATS1. No significant cross-reactivity or interference between Human SPATS1 and analogues was observed.
Sequence Length	300
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Spermatogenesis-associated serine-rich protein 1 (SPATS1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPATS1 elisa kit	Description: This Human Spermatogenesis-associated serine-rich protein 1 (SPATS1) ELISA Kit employs a two-site sandwich ELISA to quantitate SPATS1 in samples. An antibody specific for SPATS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPATS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPATS1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SPATS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Spermatogenesis associated serine rich 1 (SPATS1) is a protein which in humans is encoded by the SPATS1 gene. It is also known by the aliases Dishevelled-DEP domain interacting protein (DDIP), Spermatogenesis Associated 8 (SPATA8), and serin-rich spermatogenic protein 1 (SRSP1). A general idea of its chemical structure, subcellular localization, expression, and conservation is known. Research suggests SPATS1 may play a role in the canonical Wnt Signaling pathway and in the first spermatogenic wave.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21450753
NCBI GeneID	221409
NCBI Accession #	NP_659463.1
NCBI GenBank Nucleotide #	NP_659463.1
UniProt Accession #	Q496A3
NCBI Official Full Name	spermatogenesis-associated serine-rich protein 1
NCBI Official Synonym Full Names	spermatogenesis associated serine rich 1
NCBI Official Symbol	SPATS1
NCBI Official Synonym Symbols	DDIP; SRSP1; SPATA8
NCBI Protein Information	spermatogenesis-associated serine-rich protein 1
UniProt Protein Name	Spermatogenesis-associated serine-rich protein 1
UniProt Gene Name	SPATS1
UniProt Entry Name	SPAS1_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/human-elisa-kits/spermatogenesis-associated-serine-rich-protein-1-spats1/330751>