

Human Spermatogenesis-Associated Protein 7 (SPATA7) ELISA Kit | SPATA7 elisa kit

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CATALOG #
AAA330755

REACTIVITY
Human

PRODUCT SYNONYMS

Spermatogenesis-Associated Protein 7 (SPATA7); Human Spermatogenesis-Associated Protein 7 (SPATA7) ELISA Kit; SPATA7; DKFZp686D07199; HSD-3.1; HSD3; LCA3; MGC102934; spermatogenesis-associated protein 7; SPATA7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Spermatogenesis-associated protein 7 (SPATA7) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPATA7. No significant cross-reactivity or interference between Human SPATA7 and analogues was observed.
Sequence Length	567
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 protein 7 (SPATA7) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPATA7 elisa kit	Description: This Human Spermatogenesis-associated protein 7 (SPATA7) ELISA Kit employs a two-site sandwich ELISA to quantitate SPATA7 in samples. An antibody specific for SPATA7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPATA7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPATA7 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 SPATA7 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Spermatogenesis-associated protein 7 (SPATA7), originally isolated from testis, is also expressed in retina. Mutations in SPATA7 are associated with Leber congenital amaurosis and juvenile retinitis pigmentosa. Alternatively spliced transcript variants encoding different isoforms have been found for SPATA7.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94536850
NCBI GeneID	55812
NCBI Accession #	NP_001035518.1
NCBI GenBank Nucleotide #	NP_001035518.1
UniProt Accession #	Q9P0W8
NCBI Official Full Name	spermatogenesis-associated protein 7 isoform 2
NCBI Official Synonym Full Names	spermatogenesis associated 7
NCBI Official Symbol	SPATA7
NCBI Official Synonym Symbols	HSD3; LCA3; HSD-3.1; HEL-S-296
NCBI Protein Information	spermatogenesis-associated protein 7
UniProt Protein Name	Spermatogenesis-associated protein 7
UniProt Gene Name	SPATA7
UniProt Synonym Gene Names	HSD3
UniProt Entry Name	SPAT7_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-protein-7-spata7/330755>