Human Thrombospondin Type I Domain Containing Protein 7A (THSD7A) ELISA Kit | THSD7A elisa kit

Human Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) ELISA Kit

CATALOG #	REACTIVITY	APPLICATIONS
AAA188378	**Human**	**ELISA**

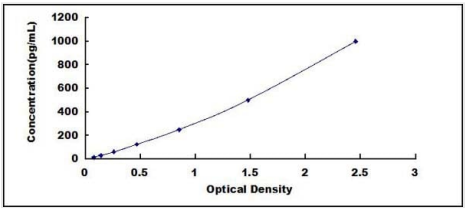
PRODUCT SYNONYMS

Thrombospondin Type I Domain Containing Protein 7A (THSD7A); Human Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) ELISA Kit; Thrombospondin Type I Domain Containing Protein 7A; THSD7A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A). No significant cross-reactivity or interference between Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) and analogues was observed.
Sequence Length	1657
Assay Type	Competitive Inhibition
Samples	Serum, plasma and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 6.7pg/mL
Applicable Applications for THSD7A elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) 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 Anti-Thrombospondin Type I Domain Containing Protein 7A Antibody (Anti-THSD7A) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	150170672
NCBI GeneID	221981
NCBI Accession #	NP_056019.1
NCBI GenBank Nucleotide #	NP_056019.1
UniProt Accession #	Q9UPZ6
NCBI Official Full Name	thrombospondin type-1 domain-containing protein 7A
NCBI Official Synonym Full Names	thrombospondin type 1 domain containing 7A
NCBI Official Symbol	THSD7A
NCBI Protein Information	thrombospondin type-1 domain-containing protein 7A
UniProt Protein Name	Thrombospondin type-1 domain-containing protein 7A
UniProt Gene Name	**THSD7A**
UniProt Synonym Gene Names	KIAA0960

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/thrombospondin-type-i-domain-containing-protein-7a-thsd7a/188378