

Human Thyroid Hormone Responsive (THRSP) ELISA Kit | THRSP elisa kit

Human Thyroid Hormone Responsive (THRSP) ELISA Kit

CATALOG #
AAA63586

REACTIVITY
Human

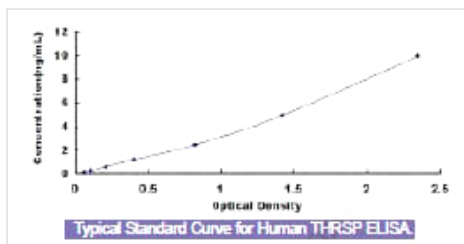
PRODUCT SYNONYMS

Thyroid Hormone Responsive (THRSP); Human Thyroid Hormone Responsive (THRSP) ELISA Kit; S14; SPOT14; LPGP1; Lipogenic Protein 1; Thyroid hormone-inducible hepatic protein; Spot 14 protein; THRSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of THRSP. No significant cross-reactivity or interference between THRSP and analogues was observed.
Sequence Length	146
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THRSP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level THRSP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THRSP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of THRSP in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to THRSP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to THRSP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain THRSP, biotin-conjugated antibody and enzyme-conjugated Avidin 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 THRSP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507497
NCBI GeneID	7069
NCBI Accession #	NP_003242.1
NCBI GenBank Nucleotide #	NM_003251.3
UniProt Accession #	Q92748; B2R4W7
Molecular Weight	16,561 Da
NCBI Official Full Name	thyroid hormone-inducible hepatic protein
NCBI Official Synonym Full Names	thyroid hormone responsive
NCBI Official Symbol	THRSP
NCBI Official Synonym Symbols	S14; Lpgp; THRP; LPGP1; SPOT14
NCBI Protein Information	thyroid hormone-inducible hepatic protein
UniProt Protein Name	Thyroid hormone-inducible hepatic protein
UniProt Gene Name	THRSP
UniProt Synonym Gene Names	S14; SPOT14

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/thyroid-hormone-responsive-thrsp/63586>