

Human Thyroid Hormone Responsive (THRSP) CLIA Kit | THRSP clia kit

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CATALOG #
AAA130423

REACTIVITY
Human

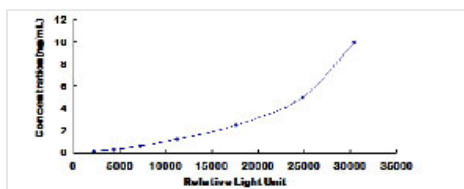
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Thyroid Hormone Responsive (THRSP). No significant cross-reactivity or interference between Thyroid Hormone Responsive (THRSP) and analogues was observed.
Sequence Length	146
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	5.8pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Thyroid Hormone Responsive (THRSP) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Thyroid Hormone Responsive (THRSP) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
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)

ADDITIONAL INFORMATION

Related Product Information for THRSP clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Thyroid Hormone Responsive (THRSP). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Thyroid Hormone Responsive (THRSP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Thyroid Hormone Responsive (THRSP) level in the sample or standard.;
Product Categories/Family for THRSP clia kit	Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119595451
NCBI GeneID	7069
UniProt Accession #	Q92748; B2R4W7
Molecular Weight	16,561 Da
NCBI Official Full Name	thyroid hormone responsive (SPOT14 homolog, rat)
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
UniProt Entry Name	THRSP_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-clia-kits/thyroid-hormone-responsive-thrsp/130423>