

Rat Thyroid hormone receptor alpha ELISA Kit | Thra elisa kit

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CATALOG #
AAA98529

REACTIVITY
Rat

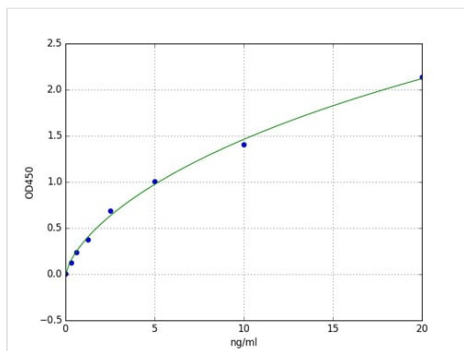
PRODUCT SYNONYMS

Thyroid hormone receptor alpha; Rat Thyroid hormone receptor alpha ELISA Kit; Thra/Thyroid hormone receptor alpha/c-erbA-alpha/c-erbA-1/Nuclear receptor subfamily 1 group A member 1/V-erbA-related protein 7/EAR-7/EAR7/ERBA1/NR1A1/THRA1/THRA2/AR7/ERBA/ERBA-related 7/triiodothyronine receptor/thyroid hormone receptor; alpha/erythroblastic leukemia viral (v-erb-a)oncogene homolog; avian; Thra elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	408
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Thra ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.033	0.096	0.157	0.453	0.784	1.150	1.993	2.302

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Thra elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Thra antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Thra antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Thra amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Thra can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46048693
NCBI GeneID	396251
NCBI Accession #	NP_990644.1
NCBI GenBank Nucleotide #	NM_205313.1
Molecular Weight	46,757 Da
NCBI Official Full Name	thyroid hormone receptor alpha
NCBI Official Synonym Full Names	thyroid hormone receptor, alpha
NCBI Official Symbol	THRA
NCBI Protein Information	thyroid hormone receptor alpha
UniProt Protein Name	Thyroid hormone receptor alpha
UniProt Gene Name	THRA
UniProt Synonym Gene Names	NR1A1
UniProt Entry Name	THA_CHICK

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/thra-rat-elisa-kits/thyroid-hormone-receptor-alpha/98529>