

Rabbit Thyroid hormone receptor alpha (THRA) ELISA Kit | THRA elisa kit

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CATALOG #
AAA83559

REACTIVITY
Rabbit

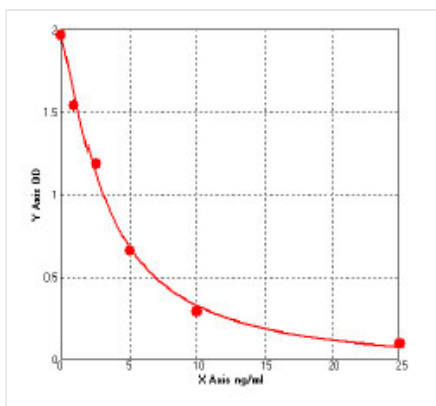
PRODUCT SYNONYMS

Thyroid hormone receptor alpha (THRA); Rabbit Thyroid hormone receptor alpha (THRA) ELISA Kit; THRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of THRA. No significant cross-reactivity or interference between THRA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between THRA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THRA elisa kit	Principle of the Assay: THRA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-THRA antibody and an THRA-HRP conjugate. The assay sample and buffer are incubated together with THRA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the THRA concentration since THRA from samples and THRA-HRP conjugate compete for the anti-THRA antibody binding site. Since the number of sites is limited, as more sites are occupied by THRA from the sample, fewer sites are left to bind THRA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The THRA concentration in each sample is interpolated from this standard curve. Intended Uses: This THRA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit THRA. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for THRA elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	135705
NCBI GeneID	7067
Molecular Weight	50,465 Da
NCBI Official Full Name	Thyroid hormone receptor alpha
NCBI Official Synonym Full Names	thyroid hormone receptor, alpha
NCBI Official Symbol	THRA
NCBI Official Synonym Symbols	AR7; EAR7; ERBA; CHNG6; ERBA1; NR1A1; THRA1; THRA2; ERB-T-1; c-ERBA-1
NCBI Protein Information	thyroid hormone receptor alpha; EAR-7; c-erbA-alpha; ERBA-related 7; V-erbA-related protein 7; triiodothyronine receptor; nuclear receptor subfamily 1 group A member 1; thyroid hormone nuclear receptor alpha variant 1; thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian)
UniProt Protein Name	Thyroid hormone receptor alpha
UniProt Gene Name	THRA
UniProt Synonym Gene Names	EAR7; ERBA1; NR1A1; THRA1; THRA2; EAR-7
UniProt Entry Name	THA_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/rabbit-elisa-kits/thyroid-hormone-receptor-alpha-thra/83559>