

Rat Thyroid Hormone Receptor Alpha (THRa) RTU ELISA Kit | THRa rtu elisa kit

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CATALOG #
AAA218770

REACTIVITY
Rat

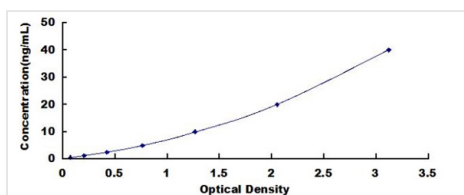
PRODUCT SYNONYMS

Thyroid Hormone Receptor Alpha (THRa); Rat Thyroid Hormone Receptor Alpha (THRa) ELISA Kit; THR-A; NR1A1; AR7; EAR7; ERB-T1; ERBA1; NR1-A1; THRA1; THRA2; c-ERBA1; Erythroblastic Leukemia Viral Oncogene Homolog; Nuclear Receptor Subfamily 1; Group A; Member 1; THRa rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	410
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.625-40ng/mL
Sensitivity	0.268ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THRa rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to THRa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to THRa. 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 THRa, 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 $\pm$ 10nm. The concentration of THRa in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63079705
NCBI GeneID	81812
NCBI Accession #	NP_001017960.1
NCBI GenBank Nucleotide #	NM_001017960.1
UniProt Accession #	P63059; P10685; P15827; P16416; P37241; Q63107; Q63195; Q63196; Q99146
Molecular Weight	46,795 Da
NCBI Official Full Name	thyroid hormone receptor alpha isoform TRalpha1
NCBI Official Synonym Full Names	thyroid hormone receptor alpha
NCBI Official Symbol	Thra
NCBI Official Synonym Symbols	ERBA1; Thra1; c-erbA-1
NCBI Protein Information	thyroid hormone receptor alpha; c-erbAalpha2
UniProt Protein Name	Thyroid hormone receptor alpha
UniProt Gene Name	Thra
UniProt Synonym Gene Names	C-erba-alpha; Nr1a1

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/rat-rtu-elisa-kits/thyroid-hormone-receptor-alpha-thra/218770>