

Human Retinoic acid receptor Alpha (RARA) ELISA Kit | RARA elisa kit

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CATALOG #
AAA246331

REACTIVITY
Human

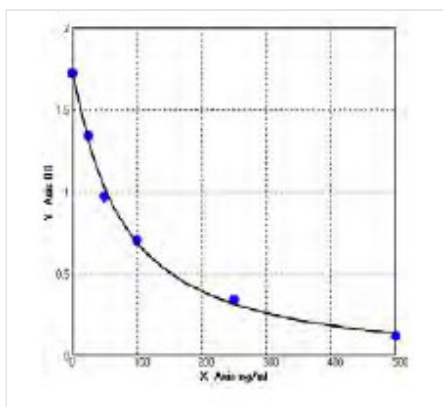
PRODUCT SYNONYMS

Retinoic acid receptor Alpha (RARA); Human Retinoic acid receptor Alpha (RARA) ELISA Kit; RARA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RARA elisa kit

Intended Uses: This RANK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken RANK. This ELISA kit for research use only!

Principle of the Assay: RANK ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-RANK antibody and an RANK-HRP conjugate. The assay sample and buffer are incubated together with RANK-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 RANK concentration since RANK from samples and RANK-HRP conjugate compete for the anti-RANK antibody binding site. Since the number of sites is limited, as more sites are occupied by RANK from the sample, fewer sites are left to bind RANK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RANK concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133483
NCBI GeneID	5914
Molecular Weight	39,700 Da
NCBI Official Full Name	Retinoic acid receptor alpha
NCBI Official Synonym Full Names	retinoic acid receptor, alpha
NCBI Official Symbol	RARA
NCBI Official Synonym Symbols	RAR; NR1B1
NCBI Protein Information	retinoic acid receptor alpha; RAR-alpha; retinoic acid receptor, alpha polypeptide; nuclear receptor subfamily 1 group B member 1; retinoic acid nuclear receptor alpha variant 1; retinoic acid nuclear receptor alpha variant 2; nucleophosmin-retinoic acid receptor alpha fusion protein NPM-RAR long form
UniProt Protein Name	Retinoic acid receptor alpha
UniProt Gene Name	RARA
UniProt Synonym Gene Names	NR1B1; RAR-alpha
UniProt Entry Name	RARA_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-elisa-kits/retinoic-acid-receptor-alpha-rara/246331>