

Human Retinoic Acid Receptor RXR-alpha (RXRA) ELISA Kit | RXRA elisa kit

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CATALOG #
AAA330975

REACTIVITY
Human

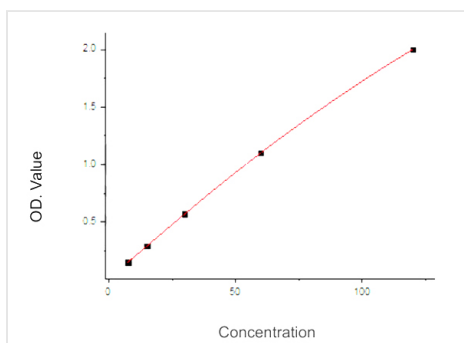
PRODUCT SYNONYMS

Retinoic Acid Receptor RXR-alpha (RXRA); Human Retinoic Acid Receptor RXR-alpha (RXRA) ELISA Kit; RXRA; FLJ00280; FLJ00318; FLJ16020; FLJ16733; MGC102720; NR2B1; RXRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Retinoic acid receptor RXR-alpha (RXRA) ELISA Kit has high sensitivity and excellent specificity for detection of Human RXRA. No significant cross-reactivity or interference between Human RXRA and analogues was observed.
Sequence Length	462
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	7.5 pg/ml - 120 pg/ml
Sensitivity	< 0.5pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RXRA elisa kit	Background: Retinoid X receptor alpha (RXR-alpha), is a nuclear receptor. Retinoid X receptors (RXRs) and retinoic acid receptors (RARs), are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcription factors. This receptor differs from the other 3 RARs within the ligand-binding domain and is incapable of high affinity binding of retinoic acid itself. The retinoic acid, thyroid hormone, and vitamin D receptors, as well as the retinoid X receptor, activate transcription from response elements containing 2 or more degenerate copies of the consensus motif AGGTCA. Principle of the Assay: Human Retinoic acid receptor RXR-alpha (RXRA) ELISA Kit employs a two-site sandwich ELISA to quantitate RXRA in samples. An antibody specific for RXRA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RXRA present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human RXRA detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of RXRA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133701
NCBI GeneID	6256
UniProt Accession #	P19793
NCBI Official Full Name	Retinoic acid receptor RXR-alpha
NCBI Official Synonym Full Names	retinoid X receptor alpha
NCBI Official Symbol	RXRA
NCBI Official Synonym Symbols	NR2B1
NCBI Protein Information	retinoic acid receptor RXR-alpha
UniProt Protein Name	Retinoic acid receptor RXR-alpha
UniProt Gene Name	RXRA
UniProt Synonym Gene Names	NR2B1
UniProt Entry Name	RXRA_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-rxr-alpha-rxra/330975>