

Human TIG2 ELISA Kit | RARRES2 elisa kit

Human TIG2 ELISA Kit

CATALOG # AAA261677	REACTIVITY Human	APPLICATIONS ELISA
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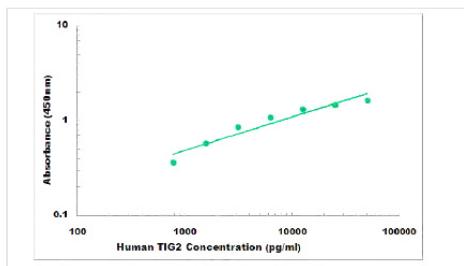
PRODUCT SYNONYMS

TIG2; Human TIG2 ELISA Kit; Retinoic acid receptor responder protein 2; Chemerin; RAR-responsive protein TIG2; Tazarotene-induced gene 2 protein; RARRES2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human TIG2 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human TIG2 proteins within the range of 780 pg/ml - 50000 pg/ml.
Sequence Length	163
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	20 pg/ml.
Applicable Applications for RARRES2 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RARRES2 elisa kit	Principle of the Assay The Human TIG2 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human TIG2 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human TIG2 coated on a 96-well plate. Standards and samples are pipetted into the wells and TIG2 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human TIG2 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of TIG2 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Chemerin, also known as RARRES2 or TIG2, is a protein that in humans is encoded by the RARRES2 gene. It is mapped to 7q36.1. Chemerin is a potent chemoattractant specific for antigen-presenting cells that requires proteolytic activation and acts as a ligand for the G protein-coupled receptor CMKLR1(also known as ChemR23). It is a 14 kDa protein secreted in an inactive form as prochemerin and is activated through cleavage of the C-terminus by inflammatory and coagulation serine proteases. Chemerin was found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation. What's more, the active protein has several roles, including that as an adipokine, and is truncated on both termini from the proprotein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6226227
NCBI GeneID	5919
UniProt Accession #	Q99969; Q7LE02
Molecular Weight	18,618 Da
NCBI Official Full Name	Retinoic acid receptor responder protein 2
NCBI Official Synonym Full Names	retinoic acid receptor responder 2
NCBI Official Symbol	RARRES2
NCBI Official Synonym Symbols	TIG2; HP10433
NCBI Protein Information	retinoic acid receptor responder protein 2
UniProt Protein Name	Retinoic acid receptor responder protein 2
UniProt Gene Name	RARRES2
UniProt Synonym Gene Names	TIG2
UniProt Entry Name	RARR2_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/rarres2-human-elisa-kits/tig2/261677>