

Human Retinoic Acid Receptor Responder Protein 2 (RARRES2) ELISA Kit | RARRES2 elisa kit

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CATALOG # AAA331159	REACTIVITY Human
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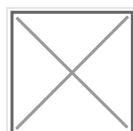
PRODUCT SYNONYMS

Retinoic Acid Receptor Responder Protein 2 (RARRES2); Human Retinoic Acid Receptor Responder Protein 2 (RARRES2) ELISA Kit; RARRES2; HP10433; TIG2; chemerin; RARRES2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Retinoic acid receptor responder protein 2 (RARRES2) ELISA Kit has high sensitivity and excellent specificity for detection of Human RARRES2. No significant cross-reactivity or interference between Human RARRES2 and analogues was observed.
Sequence Length	163
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Retinoic acid receptor responder protein 2 (RARRES2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RARRES2 elisa kit	Description: This Human Retinoic acid receptor responder protein 2 (RARRES2) ELISA Kit employs a two-site sandwich ELISA to quantitate RARRES2 in samples. An antibody specific for RARRES2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RARRES2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RARRES2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RARRES2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Chemerin is a novel protein identified as the natural ligand of ChemR23 (chemerinR), a previously orphan G protein-coupled receptor expressed in immature dendritic cells and macrophages. It is a member of the Cystatin superfamily. Chemerin is synthesized as a 163 aa secreted precursor, prochemerin, which contains a hydrophobic 20 aa N-terminal sequence, an intervening 137 aa Cystatin fold-containing domain, and a six aa C-terminal prosegment. It is activated by proteases of the coagulation, fibrinolytic, and inflammatory cascades and converted into a full agonist of chemerinR by proteolytic removal of the last six amino acids. Chemerin is a chemoattractant for cells bearing the Chem R23 receptor, including plasmacytoid dendritic cells and tissue macrophages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506427
NCBI GeneID	5919
NCBI GenBank Nucleotide #	NP_002880.1
UniProt Accession #	Q99969
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/human-elisa-kits/retinoic-acid-receptor-responder-protein-2-rarres2/331159>