

Human Chemerin (CHEM) ELISA Kit | CHEM elisa kit

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CATALOG #
AAA67616

REACTIVITY
Human

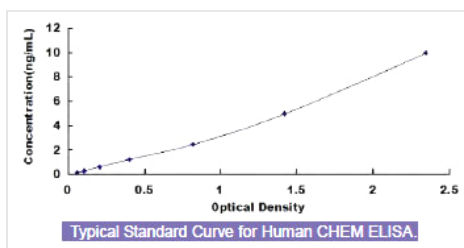
PRODUCT SYNONYMS

Chemerin (CHEM); Human Chemerin (CHEM) ELISA Kit; TIG2; RARRES2; Tazarotene-Induced Gene 2; Retinoic Acid Receptor Responder 2; Tazarotene Induced; CHEM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHEM. No significant cross-reactivity or interference between CHEM and analogues was observed.
Sequence Length	163
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CHEM were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CHEM were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHEM elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CHEM in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHEM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CHEM. 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 CHEM, 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 +/- 10nm. The concentration of CHEM in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506427
NCBI GeneID	5919
NCBI Accession #	NP_002880.1
NCBI GenBank Nucleotide #	NM_002889.3
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

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.