

Human CHEM (Chemerin) ELISA Kit | CHEM elisa kit

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CATALOG #
AAA250844

REACTIVITY
Human

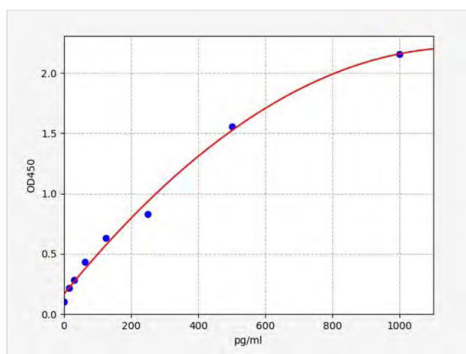
PRODUCT SYNONYMS

CHEM (Chemerin); Human CHEM (Chemerin) ELISA Kit; RARRES2; TIG-2; chemerin; CHEM; RAR-responsive protein TIG2; retinoic acid receptor responder(tazarotene induced) 2; retinoic acid receptor responder protein 2; Tazarotene-induced gene 2 protein; CHEM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize CHEM, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHEM elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti CHEM antibody was pre-coated onto the 96-well plate. The biotin conjugated anti CHEM antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with CHEM conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of CHEM in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506427
NCBI GeneID	5919
NCBI Accession #	NP_002880.1
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.