

Rat Chemerin ELISA Kit | CHE elisa kit

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 CATALOG #
AAA83496

 REACTIVITY
Rat

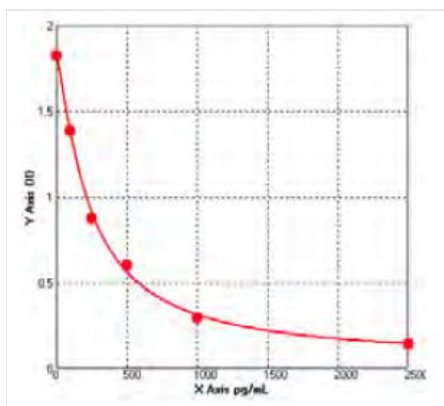
PRODUCT SYNONYMS

Chemerin; Rat Chemerin ELISA Kit; CHE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CHEM and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHE elisa kit	Intended Uses: This CHEM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CHEM. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CHEM ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CHEM antibody and an CHEM-HRP conjugate. The assay sample and buffer are incubated together with CHEM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CHEM concentration since CHEM from samples and CHEM-HRP conjugate compete for the anti-CHEM antibody binding site. Since the number of sites is limited, as more sites are occupied by CHEM from the sample, fewer sites are left to bind CHEM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHEM concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CHE elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457005
UniProt Accession #	Q7LE02
Molecular Weight	18,618 Da
NCBI Official Full Name	RARRES2, partial
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/che-rat-elisa-kits/chemerin/83496>