

Rat CR ELISA Kit | CR elisa kit

Rat CR (Calretinin) ELISA Kit

CATALOG #
AAA165773

REACTIVITY
Rat

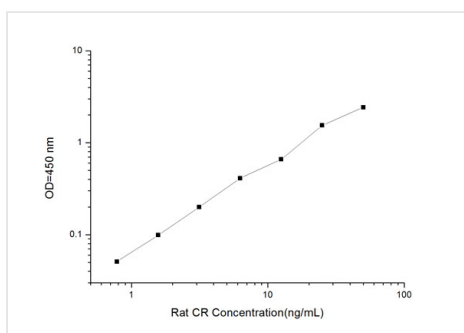
PRODUCT SYNONYMS

CR; Rat CR (Calretinin) ELISA Kit; CR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CR. No significant cross-reactivity or interference between Rat CR and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CR and all the analogues, therefore, cross reaction may still exist.
Sequence Length	271
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CR elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CR in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CR. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CR and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CR. You can calculate the concentration of Rat CR in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758892
NCBI GeneID	117059
NCBI Accession #	NP_446440.1
NCBI GenBank Nucleotide #	NM_053988.1
UniProt Accession #	P47728
Molecular Weight	31,405 Da
NCBI Official Full Name	calretinin
NCBI Official Synonym Full Names	calbindin 2
NCBI Official Symbol	Calb2
NCBI Protein Information	calretinin
UniProt Protein Name	Calretinin
UniProt Gene Name	Calb2
UniProt Synonym Gene Names	CR
UniProt Entry Name	CALB2_RAT

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/rat-elisa-kits/cr/165773>