

Mouse CR ELISA Kit | CR elisa kit

Mouse CR (Calretinin) ELISA Kit

CATALOG #
AAA164215

REACTIVITY
Mouse

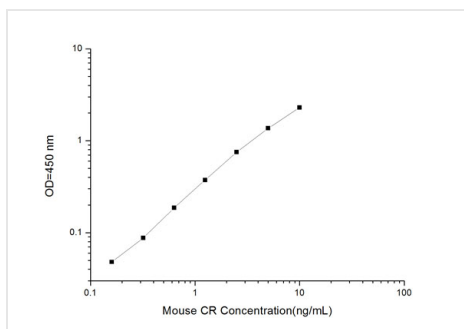
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse CR. No significant cross-reactivity or interference between Mouse CR and analogues was observed.
Sequence Length	271
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CR elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of MouseCRconcentrations in 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 CR. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CRand 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 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 CR.You can calculate the concentration of CRin 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; CR
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.