

Mouse Reticulocalbin 2 (RCN2) ELISA Kit | RCN2 elisa kit

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CATALOG #
AAA66423

REACTIVITY
Mouse

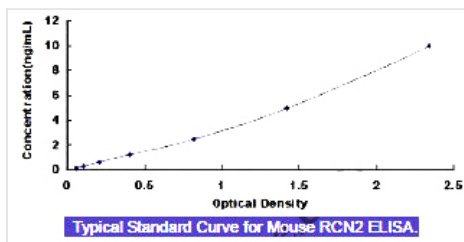
PRODUCT SYNONYMS

Reticulocalbin 2 (RCN2); Mouse Reticulocalbin 2 (RCN2) ELISA Kit; E6BP; ERC-55; ERC55; Endoplasmic Reticulum Calcium-Binding Protein 55kD; E6-binding protein; RCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RCN2. No significant cross-reactivity or interference between RCN2 and analogues was observed.
Sequence Length	320
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RCN2 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 RCN2 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 RCN2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RCN2 in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RCN2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RCN2. 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 RCN2, 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 RCN2 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 #	114205428
NCBI GeneID	26611
NCBI Accession #	NP_036122.2
NCBI GenBank Nucleotide #	NM_011992.2
UniProt Accession #	Q8BP92; O70341; A2RT07
Molecular Weight	37,271 Da
NCBI Official Full Name	reticulocalbin-2 isoform 1
NCBI Official Synonym Full Names	reticulocalbin 2
NCBI Official Symbol	Rcn2
NCBI Official Synonym Symbols	Tcbp49; AA408742
NCBI Protein Information	reticulocalbin-2
UniProt Protein Name	Reticulocalbin-2
UniProt Gene Name	Rcn2
UniProt Synonym Gene Names	TCBP-49

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.