

Rat CX37 ELISA Kit | CX37 elisa kit

Rat CX37 (Connexin 37) ELISA Kit

CATALOG #
AAA165555

REACTIVITY
Rat

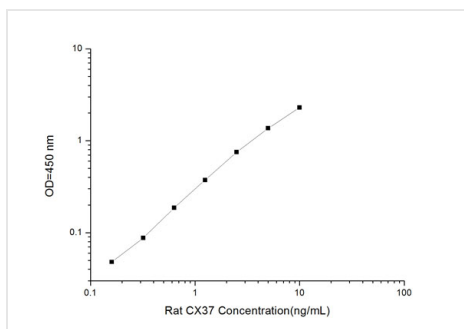
PRODUCT SYNONYMS

CX37; Rat CX37 (Connexin 37) ELISA Kit; CX37 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CX37. No significant cross-reactivity or interference between Rat CX37 and analogues was observed.
Sequence Length	333
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 CX37 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CX37 concentrations 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 CX37. 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 CX37 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 CX37, 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 CX37. You can calculate the concentration of CX37 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41019427
Molecular Weight	37,615 Da
NCBI Official Full Name	connexin37
UniProt Protein Name	Gap junction protein
UniProt Gene Name	Cx37
UniProt Entry Name	Q6R4B0_CRIGR

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/cx37/165555>