

Rat CX43 ELISA Kit | CX43 elisa kit

Rat CX43 (Connexin 43) ELISA Kit

CATALOG #
AAA165610

REACTIVITY
Rat

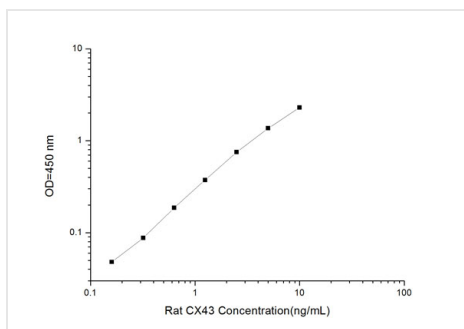
PRODUCT SYNONYMS

CX43; Rat CX43 (Connexin 43) ELISA Kit; CX43 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CX43. No significant cross-reactivity or interference between Rat CX43 and analogues was observed.
Sequence Length	282
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 CX43 elisa kit

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 CX43. 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 CX43 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 CX43, 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 $\pm$ 2 nm. The OD value is proportional to the concentration of CX43. You can calculate the concentration of CX43 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29179440
NCBI GeneID	30236
UniProt Accession #	O57474; Q5TYN6; Q7ZTS1
Molecular Weight	39,127 Da
NCBI Official Full Name	Cx43 protein
NCBI Official Synonym Full Names	connexin 43
NCBI Official Symbol	cx43
NCBI Official Synonym Symbols	gja1; cx43a1; zfCx43.3
NCBI Protein Information	gap junction alpha-1 protein; connexin-43; etID309742.9; gap junction protein, alpha 1; shf; short fin protein; sof
UniProt Protein Name	Gap junction alpha-1 protein
UniProt Gene Name	gja1
UniProt Synonym Gene Names	cx43; shf; sof; Cx43
UniProt Entry Name	CXA1_DANRE

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://www.aaabiotech.com/rat-elisa-kits/cx43/165610>