

Rabbit Connexin 37 ELISA Kit | CX37 elisa kit

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CATALOG #
AAA82724

REACTIVITY
Rabbit

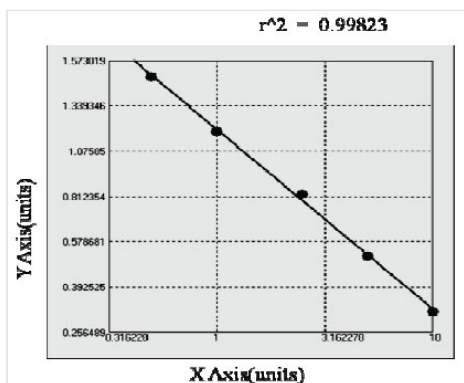
PRODUCT SYNONYMS

Connexin 37; Rabbit Connexin 37 ELISA Kit; CX37 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX37 elisa kit	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This CX37 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CX37. This ELISA kit for research use only! Principle of the Assay: CX37 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CX37 antibody and an CX37-HRP conjugate. The assay sample and buffer are incubated together with CX37-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CX37 concentration since CX37 from samples and CX37-HRP conjugate compete for the anti-CX37 antibody binding site. Since the number of sites is limited, as more sites are occupied by CX37 from the sample, fewer sites are left to bind CX37-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX37 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CX37 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7416865
NCBI GeneID	2701
Molecular Weight	37,414 Da
NCBI Official Full Name	connexin 37
NCBI Official Synonym Full Names	gap junction protein, alpha 4, 37kDa
NCBI Official Symbol	GJA4
NCBI Official Synonym Symbols	CX37
NCBI Protein Information	gap junction alpha-4 protein; connexin 37; connexin-37
UniProt Protein Name	Gap junction alpha-4 protein
UniProt Gene Name	GJA4
UniProt Synonym Gene Names	Cx37
UniProt Entry Name	CXA4_HUMAN

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.