

Human CX40 ELISA Kit | CX40 elisa kit

Human CX40 (Connexin 40) ELISA Kit

CATALOG #
AAA163881

REACTIVITY
Human

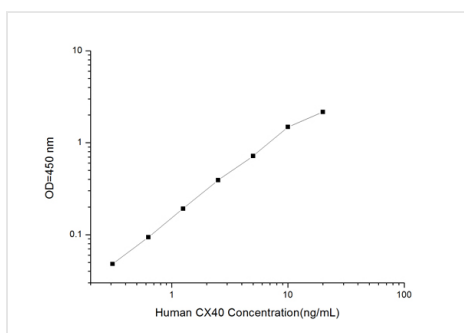
PRODUCT SYNONYMS

CX40; Human CX40 (Connexin 40) ELISA Kit; CX40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CX40. No significant cross-reactivity or interference between Human CX40 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CX40 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	358
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX40 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CX40 in human 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 Human CX40. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human CX40 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 Human CX40, 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 Human CX40. You can calculate the concentration of Human CX40 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50514
NCBI GeneID	14613
UniProt Accession #	Q01231
Molecular Weight	40,413 Da
NCBI Official Full Name	Cx40
NCBI Official Synonym Full Names	gap junction protein, alpha 5
NCBI Official Symbol	Gja5
NCBI Official Synonym Symbols	Cx40; Cnx40; Gja-5; 5730555N10Rik
NCBI Protein Information	gap junction alpha-5 protein; connexin-40; gap junction membrane channel protein alpha 5
UniProt Protein Name	Gap junction alpha-5 protein
UniProt Gene Name	Gja5
UniProt Synonym Gene Names	Cxn-40; Cx40
UniProt Entry Name	CXA5_MOUSE

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.