

Human Connexin 40 (CX40) RTU ELISA Kit | CX40 rtu elisa kit

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CATALOG #
AAA70079

REACTIVITY
Human

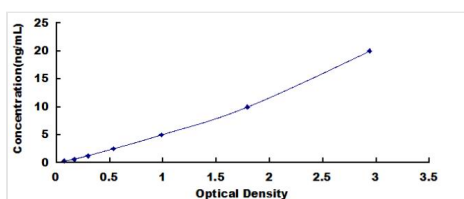
PRODUCT SYNONYMS

Connexin 40 (CX40); Human Connexin 40 (CX40) ELISA Kit; TXNRD1; TR1; GRIM-12; TRXR-1; TXNR; CX40 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	358
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.103ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX40 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CX40. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CX40. 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 CX40, 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 $\pm$ 10nm. The concentration of CX40 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6631083

NCBI GeneID	2702
NCBI Accession #	NP_005257.2
NCBI GenBank Nucleotide #	NM_005266.6
UniProt Accession #	P36382 ; Q5T3B6 ; Q5U0N6
Molecular Weight	40,380 Da
NCBI Official Full Name	gap junction alpha-5 protein
NCBI Official Synonym Full Names	gap junction protein alpha 5
NCBI Official Symbol	GJA5
NCBI Official Synonym Symbols	CX40; ATFB11
NCBI Protein Information	gap junction alpha-5 protein
UniProt Protein Name	Gap junction alpha-5 protein
UniProt Gene Name	GJA5
UniProt Synonym Gene Names	Cx40

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/human-rtu-elisa-kits/connexin-40-cx40/70079>