

Chicken Connexin 40 ELISA Kit | CX40 elisa kit

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CATALOG #
AAA91170

REACTIVITY
Chicken

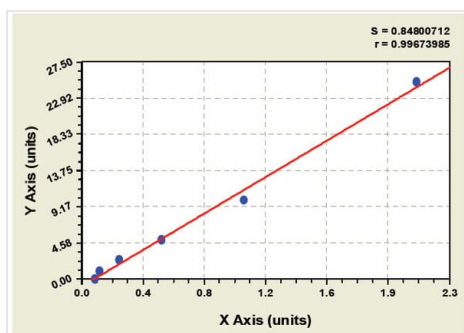
PRODUCT SYNONYMS

Connexin 40; Chicken Connexin 40 ELISA Kit; CX40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This CX40 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CX40. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CX40 elisa kit

Principle of the Assay: CX40 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CX40. Standards or samples are then added to the microtiter plate wells and CX40 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CX40 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CX40 are added to each well to "sandwich" the CX40 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CX40 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX40 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CX40 elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	5007068
NCBI GeneID	2702
Molecular Weight	40,380 Da
NCBI Official Full Name	connexin 40
NCBI Official Synonym Full Names	gap junction protein, alpha 5, 40kDa
NCBI Official Symbol	GJA5
NCBI Official Synonym Symbols	CX40; ATFB11
NCBI Protein Information	gap junction alpha-5 protein; connexin 40; gap junction protein alpha 5 40kDa
UniProt Protein Name	Gap junction alpha-5 protein
UniProt Gene Name	GJA5
UniProt Synonym Gene Names	Cx40
UniProt Entry Name	CXA5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cx40-chicken-elisa-kits/connexin-40/91170>