

Monkey Connexin 26 ELISA Kit | CX26 elisa kit

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CATALOG #
AAA89144

REACTIVITY
Monkey

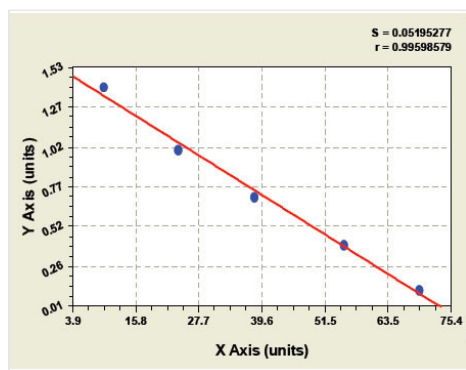
PRODUCT SYNONYMS

Connexin 26; Monkey Connexin 26 ELISA Kit; CX26 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CX26 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CX26. 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 CX26 elisa kit

Principle of the Assay: CX26 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CX26 antibody and an CX26-HRP conjugate. The assay sample and buffer are incubated together with CX26-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 CX26 concentration since CX26 from samples and CX26-HRP conjugate compete for the anti-CX26 antibody binding site. Since the number of sites is limited, as more sites are occupied by CX26 from the sample, fewer sites are left to bind CX26-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX26 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46242698
Molecular Weight	16,130 Da
NCBI Official Full Name	connexin26, partial
UniProt Protein Name	Gap junction protein
UniProt Gene Name	Cx26
UniProt Entry Name	Q6PYU4_MESAU

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/cx26-monkey-elisa-kits/connexin-26/89144>