

Bovine Connexin 31 ELISA Kit | CX31 elisa kit

Bovine Connexin 31 ELISA Kit

CATALOG #
AAA96223

REACTIVITY
Bovine

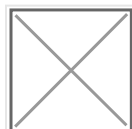
PRODUCT SYNONYMS

Connexin 31; Bovine Connexin 31 ELISA Kit; CX31 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CX31 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CX31. This ELISA kit for research use only, not for therapeutic applications
Intended Uses	This CX31 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CX31. 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 CX31 elisa kit

Principle of the Assay: CX31 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CX31 antibody and an CX31-HRP conjugate. The assay sample and buffer are incubated together with CX31-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 CX31 concentration since CX31 from samples and CX31-HRP conjugate compete for the anti-CX31 antibody binding site. Since the number of sites is limited, as more sites are occupied by CX31 from the sample, fewer sites are left to bind CX31-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX31 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CX31 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #

3982600

NCBI GeneID

2707

Molecular Weight	30,818 Da
NCBI Official Full Name	connexin 31
NCBI Official Synonym Full Names	gap junction protein, beta 3, 31kDa
NCBI Official Symbol	GJB3
NCBI Official Synonym Symbols	EKV; CX31; DFNA2; DFNA2B
NCBI Protein Information	gap junction beta-3 protein; connexin 31; connexin-31
UniProt Protein Name	Gap junction beta-3 protein
UniProt Gene Name	GJB3
UniProt Synonym Gene Names	CX31; Cx31
UniProt Entry Name	CXB3_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/cx31-bovine-ovine-elisa-kits/connexin-31/96223>