

Chicken Claudin-3 (CLDN3) ELISA Kit | CLDN3 elisa kit

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CATALOG #
AAA121995

REACTIVITY
Chicken

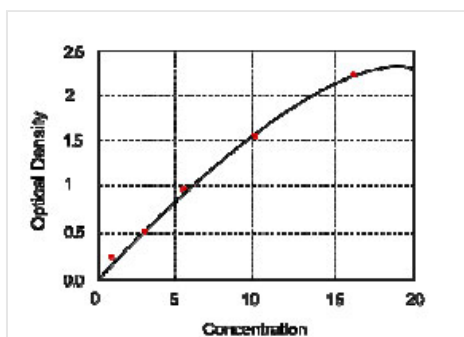
PRODUCT SYNONYMS

Claudin-3 (CLDN3); Chicken Claudin-3 (CLDN3) ELISA Kit; CLDN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Sequence Length	220
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1900ng/L
Sensitivity	2.59ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Chicken Claudin-3 (also known as CLDN3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Chicken CLDN3 antibody. CLDN3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Chicken CLDN3 Antibody is added and binds to CLDN3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Chicken CLDN3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502875
NCBI GeneID	1365
NCBI Accession #	NP_001297.1
NCBI GenBank Nucleotide #	NM_001306.3
UniProt Accession #	O15551
Molecular Weight	23,319 Da
NCBI Official Full Name	claudin-3
NCBI Official Synonym Full Names	claudin 3
NCBI Official Symbol	CLDN3
NCBI Official Synonym Symbols	RVP1; HRVP1; C7orf1; CPE-R2; CPETR2
NCBI Protein Information	claudin-3
UniProt Protein Name	Claudin-3
UniProt Gene Name	CLDN3
UniProt Synonym Gene Names	C7orf1; CPETR2; CPE-R 2; CPE-receptor 2; hRVP1

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://www.aaabiotech.com/chicken-elisa-kits/claudin-3-cldn3/121995>