

## Goat Cholecystokinin octapeptide ELISA Kit | CCK-8 elisa kit

Goat Cholecystokinin octapeptide ELISA Kit

CATALOG #  
**AAA88584**

REACTIVITY  
**Goat**

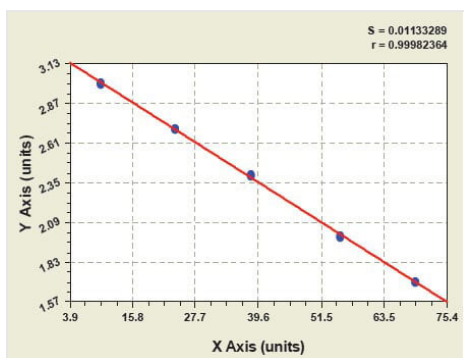
### PRODUCT SYNONYMS

Cholecystokinin octapeptide; Goat Cholecystokinin octapeptide ELISA Kit; CCK-8 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                              |
| Intended Uses           | This CCK-8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CCK-8. 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 CCK-8 elisa kit

**Principle of the assay:** CCK-8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCK-8 antibody and an CCK-8-HRP conjugate. The assay sample and buffer are incubated together with CCK-8-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 CCK-8 concentration since CCK-8 from samples and CCK-8-HRP conjugate compete for the anti-CCK-8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCK-8 from the sample, fewer sites are left to bind CCK-8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCK-8 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for CCK-8 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                        | 4502605                                                                     |
| NCBI GeneID                      | 885                                                                         |
| NCBI Accession #                 | NP_000720.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_000729.4                                                                 |
| Molecular Weight                 | 12,669 Da                                                                   |
| NCBI Official Full Name          | cholecystokinin preproprotein                                               |
| NCBI Official Synonym Full Names | cholecystokinin                                                             |
| NCBI Official Symbol             | CCK                                                                         |
| NCBI Protein Information         | cholecystokinin; prepro-cholecystokinin; cholecystokinin triacontatriaptide |
| UniProt Protein Name             | Cholecystokinin                                                             |
| UniProt Gene Name                | CCK                                                                         |
| UniProt Synonym Gene Names       | CCK; CCK58; CCK39; CCK33; CCK25; CCK18; CCK12; CCK8; CCK7; CCK5             |
| UniProt Entry Name               | CCKN_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.

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Online datasheet: <https://stage.aaabiotech.com/cck-8-goat-elisa-kits/cholecystokinin-octapeptide/88584>