

Goat Kappa-casein (CSN3) ELISA Kit | CSN3 elisa kit

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CATALOG #
AAA246670

REACTIVITY
Goat

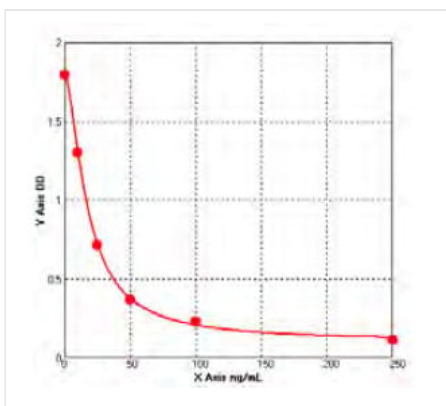
PRODUCT SYNONYMS

Kappa-casein (CSN3); Goat Kappa-casein (CSN3) ELISA Kit; CSN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of CSN3. No significant cross-reactivity or interference between CSN3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CSN3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSN3 elisa kit	Principle of the Assay: CSN3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CSN3 antibody and an CSN3-HRP conjugate. The assay sample and buffer are incubated together with CSN3-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 CSN3 concentration since CSN3 from samples and CSN3-HRP conjugate compete for the anti-CSN3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CSN3 from the sample, fewer sites are left to bind CSN3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSN3 concentration in each sample is interpolated from this standard curve. Intended Uses: This CSN3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CSN3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CSN3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	186655
Molecular Weight	20,305 Da
NCBI Official Full Name	kappa-casein
UniProt Protein Name	Kappa-casein
UniProt Gene Name	CSN3
UniProt Synonym Gene Names	CASK; CSN10; CSNK
UniProt Entry Name	CASK_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/goat-elisa-kits/kappa-casein-csn3/246670>