

Human Casein Kappa (CSN3) ELISA Kit | CSN3 elisa kit

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CATALOG #
AAA68013

REACTIVITY
Human

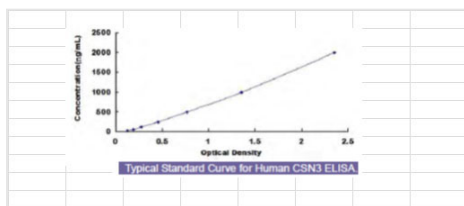
PRODUCT SYNONYMS

Casein Kappa (CSN3); Human Casein Kappa (CSN3) ELISA Kit; CSN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	182
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000ng/mL
Sensitivity	11.8ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CSN3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CSN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSN3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CSN3 in Human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CSN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CSN3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CSN3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CSN3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148491103
NCBI GeneID	1448
NCBI Accession #	NP_005203.2
NCBI GenBank Nucleotide #	NM_005212.2
UniProt Accession #	P07498; Q13575
Molecular Weight	20,305 Da
NCBI Official Full Name	kappa-casein
NCBI Official Synonym Full Names	casein kappa
NCBI Official Symbol	CSN3
NCBI Official Synonym Symbols	KCA; CSNK; CNS10; CSN10
NCBI Protein Information	kappa-casein
UniProt Protein Name	Kappa-casein
UniProt Gene Name	CSN3
UniProt Synonym Gene Names	CASK; CSN10; CSNK

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/human-elisa-kits/casein-kappa-csn3/68013>