

Goat Casein Alpha s1 (CSN1S1) ELISA Kit | CSN1S1 elisa kit

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CATALOG #
AAA247398

REACTIVITY
Goat

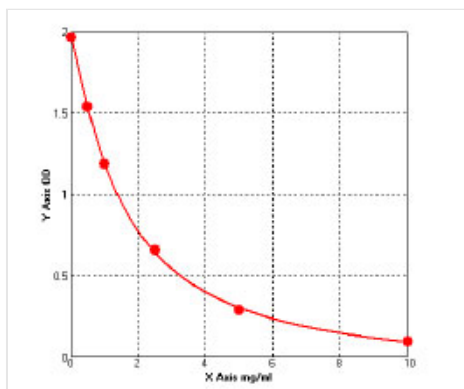
PRODUCT SYNONYMS

Casein Alpha s1 (CSN1S1); Goat Casein Alpha s1 (CSN1S1) ELISA Kit; CASa; CSN1; CSN1S1; Casein Alpha S1; Caseinate; Caseine/caséine/Kasein/caseína; Alpha-S1-casein; Casoxin-D; CSN1S1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of CSN1S1. No significant cross-reactivity or interference between CSN1S1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CSN1S1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	185
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 mg/ml
Reproducibility	Intra-Assay: CV<10% Inter-Assay: CV<15%
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSN1S1 elisa kit	Principle of the Assay: CSN1S1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CSN1S1 antibody and an CSN1S1-HRP conjugate. The assay sample and buffer are incubated together with CSN1S1-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 CSN1S1 concentration since CSN1S1 from samples and CSN1S1-HRP conjugate compete for the anti-CSN1S1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CSN1S1 from the sample, fewer sites are left to bind CSN1S1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSN1S1 concentration in each sample is interpolated from this standard curve. Intended Uses: This CSN1S1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CSN1S1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CSN1S1 elisa kit	Signal transduction; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	118764309
NCBI GeneID	1446
Molecular Weight	21,543 Da
NCBI Official Full Name	Casein alpha s1
NCBI Official Synonym Full Names	casein alpha s1
NCBI Official Symbol	CSN1S1
NCBI Official Synonym Symbols	CASA; CSN1
NCBI Protein Information	alpha-S1-casein
UniProt Protein Name	Alpha-S1-casein
UniProt Gene Name	CSN1S1
UniProt Synonym Gene Names	CASA; CSN1

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.