

Goat Casein alpha s1 ELISA Kit | CSN1S1 elisa kit

Goat Casein alpha s1 (CSN1S1) ELISA Kit

CATALOG # AAA55551	REACTIVITY Goat
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PRODUCT SYNONYMS

Casein alpha s1; Goat Casein alpha s1 (CSN1S1) ELISA Kit; CSN1S1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat CSN1S1. No significant cross-reactivity or interference between Goat CSN1S1 and analogues was observed.
Sequence Length	185
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, fresh milk and other biological fluids
Detection Range	7.8 ng/mL - 500 ng/mL
Sensitivity	3.9 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CSN1S1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CSN1S1 in Goat serum, plasma, fresh milk. An antibody specific for CSN1S1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CSN1S1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CSN1S1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CSN1S1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Goat Casein alpha s1 (CSN1S1) concentration in serum, plasma, fresh milk and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1062976610
NCBI GeneID	100750242
NCBI Accession #	XP_017904616.1
NCBI GenBank Nucleotide #	XM_018049127.1

UniProt Accession #	P18626
Molecular Weight	24,290 Da
NCBI Official Full Name	alpha-S1-casein isoform X1
NCBI Official Symbol	CSN1S1
NCBI Official Synonym Symbols	CSCN1; csn1n1
NCBI Protein Information	alpha-S1-casein
UniProt Protein Name	Alpha-S1-casein
UniProt Gene Name	CSN1S1
UniProt Synonym Gene Names	Alpha-S1-CN

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/csn1s1-goat-elisa-kits/casein-alpha-s1/55551>