

Human casein alpha s1 ELISA Kit | CSN1S1 elisa kit

Human casein alpha s1, CSN1S1 ELISA Kit

CATALOG #
AAA112954

REACTIVITY
Human

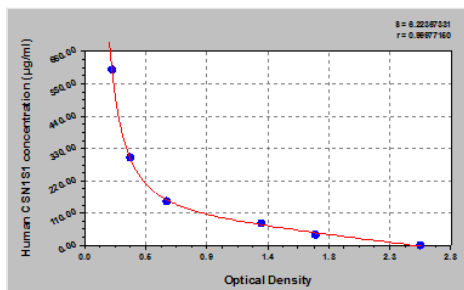
PRODUCT SYNONYMS

casein alpha s1; Human casein alpha s1; CSN1S1 ELISA Kit; Human casein alpha s1 (CSN1S1) ELISA kit; CASA; CSN1; MGC149368; casein; alpha; CSN1S1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CSN1S1. No significant cross-reactivity or interference between human CSN1S1 and analogues was observed.
Sequence Length	176
Samples	Breast milk
Assay Type	Competitive
Detection Range	37.5 ?g/ml-600 ?g/ml.
Sensitivity	The minimum detectable dose of human CSN1S1 is typically less than 18.75? g/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest human CSN1S1 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSN1S1 elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are added to the appropriate microtiter plate wells with antibody specific for CSN1S1 and Horseradish Peroxidase (HRP) conjugated goat-anti-rabbit antibody. The competitive inhibition reaction is launched between with pre-coated CSN1S1 and CSN1S1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of CSN1S1 in the sample. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303569
NCBI GeneID	1446
NCBI Accession #	NP_001020275.1
NCBI GenBank Nucleotide #	NM_001025104.1
UniProt Accession #	P47710; Q4PNR5; A1A510; A1A511; E9PB60
Molecular Weight	21,671 Da
NCBI Official Full Name	alpha-S1-casein isoform 2
NCBI Official Synonym Full Names	casein alpha s1
NCBI Official Symbol	CSN1S1
NCBI Official Synonym Symbols	CASA; CSN1
NCBI Protein Information	alpha-S1-casein; casein, alpha
UniProt Protein Name	Alpha-S1-casein
UniProt Gene Name	CSN1S1
UniProt Synonym Gene Names	CASA; CSN1
UniProt Entry Name	CASA1_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.