

Goat Beta-casein ELISA Kit | CSN2 elisa kit

Goat Beta-casein (CSN2) ELISA Kit

CATALOG #
AAA55347

REACTIVITY
Goat

PRODUCT SYNONYMS

Beta-casein; Goat Beta-casein (CSN2) ELISA Kit; CSN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat CSN2. No significant cross-reactivity or interference between Goat CSN2 and analogues was observed.
Sequence Length	226
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	62.5 ng/mL - 4000 ng/mL
Sensitivity	31.25 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 CSN2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CSN2 in Goat serum, plasma. An antibody specific for CSN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CSN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CSN2 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 CSN2 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 Beta-casein (CSN2) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	416752
NCBI GeneID	100860784
UniProt Accession #	P33048
Molecular Weight	24,865 Da
NCBI Official Full Name	Beta-casein

NCBI Official Symbol	CSN2
NCBI Protein Information	beta-casein
UniProt Protein Name	Beta-casein
UniProt Gene Name	CSN2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/csn2-goat-elisa-kits/beta-casein/55347>