

Mouse Beta-casein ELISA Kit | Csn2 elisa kit

Mouse Beta-casein ELISA Kit

CATALOG #
AAA100015

REACTIVITY
Mouse

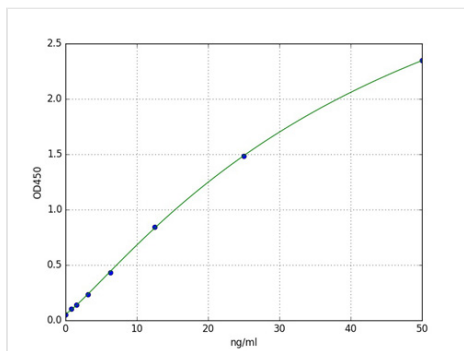
PRODUCT SYNONYMS

Beta-casein; Mouse Beta-casein ELISA Kit; Csn2/Beta-casein/CASB/Casein beta; Csn2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	226
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Csn2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.049	0.110	0.133	0.253	0.446	0.863	1.828	2.319

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Csn2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Csn2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Csn2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Csn2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Csn2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4503087

NCBI GeneID	1447
NCBI Accession #	NP_001882.1
NCBI GenBank Nucleotide #	NM_001891.3
Molecular Weight	25,382 Da
NCBI Official Full Name	beta-casein isoform 1
NCBI Official Synonym Full Names	casein beta
NCBI Official Symbol	CSN2
NCBI Official Synonym Symbols	CASB
NCBI Protein Information	beta-casein
UniProt Protein Name	Beta-casein
UniProt Gene Name	CSN2
UniProt Synonym Gene Names	CASB
UniProt Entry Name	CASB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/csn2-mouse-elisa-kits/beta-casein/100015>