

Bovine Calcium-transporting ATPase type 2C member 1 (ATP2C1) ELISA Kit | ATP2C1 elisa kit

Bovine Calcium-transporting ATPase type 2C member 1 (ATP2C1) ELISA Kit

CATALOG # AAA245493	REACTIVITY Bovine
-------------------------------	-----------------------------

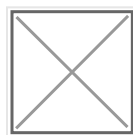
PRODUCT SYNONYMS

Calcium-transporting ATPase type 2C member 1 (ATP2C1); Bovine Calcium-transporting ATPase type 2C member 1 (ATP2C1) ELISA Kit; ATP2C1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of ATP2C1. No significant cross-reactivity or interference between ATP2C1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ATP2C1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATP2C1 elisa kit	Principle of the Assay: ATP2C1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ATP2C1 antibody and an ATP2C1-HRP conjugate. The assay sample and buffer are incubated together with ATP2C1-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 ATP2C1 concentration since ATP2C1 from samples and ATP2C1-HRP conjugate compete for the anti-ATP2C1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ATP2C1 from the sample, fewer sites are left to bind ATP2C1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATP2C1 concentration in each sample is interpolated from this standard curve. Intended Uses: This ATP2C1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ATP2C1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ATP2C1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	312836769
NCBI GeneID	27032
NCBI Accession #	NP_001186111.1
NCBI GenBank Nucleotide #	NM_001199182.1
Molecular Weight	104,032 Da
NCBI Official Full Name	calcium-transporting ATPase type 2C member 1 isoform 2c
NCBI Official Synonym Full Names	ATPase, Ca++ transporting, type 2C, member 1
NCBI Official Symbol	ATP2C1
NCBI Official Synonym Symbols	HHD; BCPM; PMR1; SPCA1; hSPCA1; ATP2C1A
NCBI Protein Information	calcium-transporting ATPase type 2C member 1; HUSSY-28; ATPase 2C1; ATPase, Ca(2+)-sequestering; ATP-dependent Ca(2+) pump PMR1; secretory pathway Ca2+/Mn2+ ATPase 1
UniProt Protein Name	Calcium-transporting ATPase type 2C member 1
UniProt Gene Name	ATP2C1
UniProt Synonym Gene Names	KIAA1347; PMR1L; HUSSY-28; ATPase 2C1
UniProt Entry Name	AT2C1_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/bovine-ovine-elisa-kits/calcium-transporting-atpase-type-2c-member-1-atp2c1/245493>