

Bovine ATP-binding cassette sub-family A member 13 (ABCA13) ELISA Kit | ABCA13 elisa kit

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CATALOG # AAA27328	REACTIVITY Bovine
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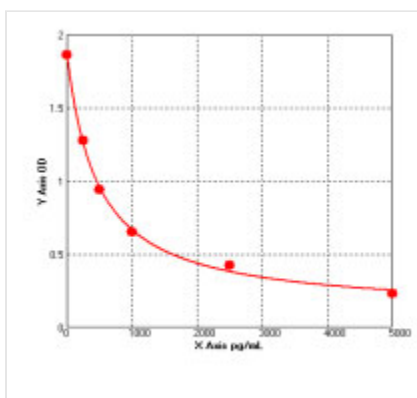
PRODUCT SYNONYMS

ATP-binding cassette sub-family A member 13 (ABCA13); Bovine ATP-binding cassette sub-family A member 13 (ABCA13) ELISA Kit; ABCA13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of ABCA13. No significant cross-reactivity or interference between ABCA13 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ABCA13 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 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ABCA13 elisa kit	Principle of the Assay: ABCA13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ABCA13 antibody and an ABCA13-HRP conjugate. The assay sample and buffer are incubated together with ABCA13-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 ABCA13 concentration since ABCA13 from samples and ABCA13-HRP conjugate compete for the anti-ABCA13 antibody binding site. Since the number of sites is limited, as more sites are occupied by ABCA13 from the sample, fewer sites are left to bind ABCA13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ABCA13 concentration in each sample is interpolated from this standard curve. Intended Uses: This ABCA13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ABCA13. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for ABCA13 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	597709765
NCBI GeneID	154664
NCBI Accession #	NP_689914.3
NCBI GenBank Nucleotide #	NM_152701.4
Molecular Weight	258,321 Da
NCBI Official Full Name	ATP-binding cassette sub-family A member 13
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), member 13
NCBI Official Symbol	ABCA13
NCBI Protein Information	ATP-binding cassette sub-family A member 13; ATP binding cassette transporter A13; ATP-binding cassette sub-family A member 13 variant 2; ATP-binding cassette sub-family A member 13 variant 3
UniProt Protein Name	ATP-binding cassette sub-family A member 13
UniProt Gene Name	ABCA13
UniProt Entry Name	ABCAD_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.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/atp-binding-cassette-sub-family-a-member-13-abca13/27328>