Bovine Fc Fragment Of IgA Receptor ELISA Kit | FCAR elisa kit

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CATALOG #	REACTIVITY
AAA89005	**Bovine**

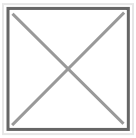
PRODUCT SYNONYMS

Fc Fragment Of IgA Receptor; Bovine Fc Fragment Of IgA Receptor ELISA Kit; FCAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FCAR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FCAR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCAR elisa kit	**Principle of the assay:** FCAR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FCAR antibody and an FCAR-HRP conjugate. The assay sample and buffer are incubated together with FCAR-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 FCAR concentration since FCAR from samples and FCAR-HRP conjugate compete for the anti-FCAR antibody binding site. Since the number of sites is limited, as more sites are occupied by FCAR from the sample, fewer sites are left to bind FCAR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FCAR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FCAR elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	129447255
Molecular Weight	11,293 Da
NCBI Official Full Name	FCAR, partial

UniProt Protein Name	FCAR
UniProt Gene Name	**FCAR**
UniProt Entry Name	A5Y2F0_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/fcar-bovine-ovine-elisa-kits/fc-fragment-of-iga-receptor/89005