

Sheep Fatty Acid Binding Protein 6, Ileal ELISA Kit | FABP6 elisa kit

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CATALOG #
AAA90057

REACTIVITY
Sheep

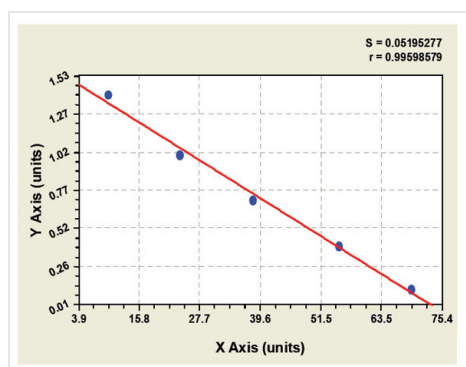
PRODUCT SYNONYMS

Fatty Acid Binding Protein 6; Ileal; Sheep Fatty Acid Binding Protein 6; Ileal ELISA Kit; FABP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP6 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This FABP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FABP6. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY FABP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FABP6 antibody and an FABP6-HRP conjugate. The assay sample and buffer are incubated together with FABP6-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 FABP6 concentration since FABP6 from samples and FABP6-HRP conjugate compete for the anti-FABP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by FABP6 from the sample, fewer sites are left to bind FABP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6691917
NCBI GeneID	2172
UniProt Accession #	P51161; Q07DR7; Q8TBI3; Q9UGI7
Molecular Weight	19,874 Da
NCBI Official Full Name	FABP6, partial
NCBI Official Synonym Full Names	fatty acid binding protein 6, ileal
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB
NCBI Protein Information	gastrotropin; GT; intestinal 15 kDa protein; ileal lipid-binding protein; ileal lipid-binding protein; ileal bile acid binding protein
UniProt Protein Name	Gastrotropin
UniProt Gene Name	FABP6
UniProt Synonym Gene Names	ILBP; ILLBP; GT; ILBP; I-15P; I-BABP
UniProt Entry Name	FABP6_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://www.aaabiotech.com/fabp6-sheep-elisa-kits/fatty-acid-binding-protein-6-ileal/90057>