

Canine Fatty Acid Binding Protein 7, Brain ELISA Kit | FABP7 elisa kit

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CATALOG #
AAA92254

REACTIVITY
Canine

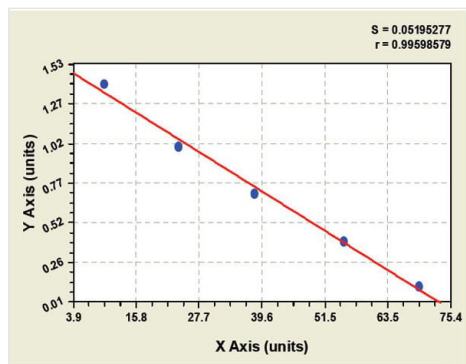
PRODUCT SYNONYMS

Fatty Acid Binding Protein 7; Brain; Canine Fatty Acid Binding Protein 7; Brain ELISA Kit; FABP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FABP7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine FABP7. 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 FABP7 elisa kit

Principle of the Assay: FABP7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FABP7 antibody and an FABP7-HRP conjugate. The assay sample and buffer are incubated together with FABP7-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 FABP7 concentration since FABP7 from samples and FABP7-HRP conjugate compete for the anti-FABP7 antibody binding site. Since the number of sites is limited, as more sites are occupied by FABP7 from the sample, fewer sites are left to bind FABP7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904551
NCBI GeneID	496060
NCBI Accession #	NP_001088795.1
NCBI GenBank Nucleotide #	NM_001095326.1
NCBI Official Full Name	fatty acid binding protein 7, brain
NCBI Official Synonym Full Names	fatty acid binding protein 7, brain<
NCBI Official Symbol	fabp7
NCBI Protein Information	fatty acid binding protein 7, brain

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/fabp7-canine-elisa-kits/fatty-acid-binding-protein-7-brain/92254>