

Canine F-Box Protein 2 ELISA Kit | FBXO2 elisa kit

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CATALOG #
AAA94882

REACTIVITY
Canine

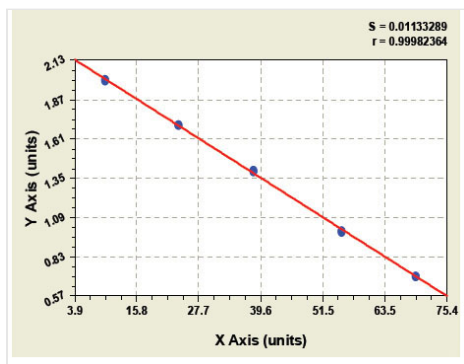
PRODUCT SYNONYMS

F-Box Protein 2; Canine F-Box Protein 2 ELISA Kit; FBXO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This cGMP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine cGMP. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBXO2 elisa kit	Principle of the Assay: cGMP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-cGMP antibody and an cGMP-HRP conjugate. The assay sample and buffer are incubated together with cGMP-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 cGMP concentration since cGMP from samples and cGMP-HRP conjugate compete for the anti-cGMP antibody binding site. Since the number of sites is limited, as more sites are occupied by cGMP from the sample, fewer sites are left to bind cGMP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The cGMP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FBXO2 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457216
NCBI GeneID	26232
UniProt Accession #	Q9UK22; Q5TGY0; Q6FGJ7; Q8TB29; Q9UKC6; B2R7K7
Molecular Weight	33,328 Da
NCBI Official Full Name	FBXO2
NCBI Official Synonym Full Names	F-box protein 2
NCBI Official Symbol	FBXO2
NCBI Official Synonym Symbols	FBG1; FBX2; Fbs1; OCP1; NFB42
NCBI Protein Information	F-box only protein 2; F-box gene 1; organ of Corti protein 1
UniProt Protein Name	F-box only protein 2
UniProt Gene Name	FBXO2
UniProt Synonym Gene Names	FBX2
UniProt Entry Name	FBX2_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/fbxo2-canine-elisa-kits/f-box-protein-2/94882>