

Canine Annexin A13 (ANXA13) ELISA Kit | ANXA13 elisa kit

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CATALOG #
AAA246851

REACTIVITY
Canine

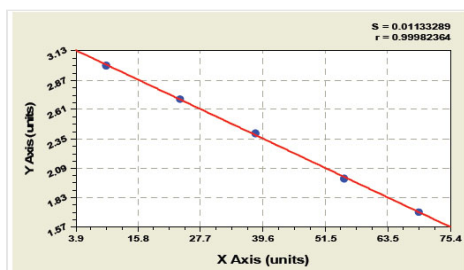
PRODUCT SYNONYMS

Annexin A13 (ANXA13); Canine Annexin A13 (ANXA13) ELISA Kit; ANXA13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ANX-A13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ANX-A13. 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 ANXA13 elisa kit

Principle of the assay: ANX-A13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANX-A13 antibody and an ANX-A13-HRP conjugate. The assay sample and buffer are incubated together with ANX-A13-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 ANX-A13 concentration since ANX-A13 from samples and ANX-A13-HRP conjugate compete for the anti-ANX-A13 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANX-A13 from the sample, fewer sites are left to bind ANX-A13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANX-A13 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANXA13 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	281185504
NCBI GeneID	312
Molecular Weight	39,744 Da
NCBI Official Full Name	Annexin A13
NCBI Official Synonym Full Names	annexin A13
NCBI Official Symbol	ANXA13
NCBI Official Synonym Symbols	ISA; ANX13
NCBI Protein Information	annexin A13; annexin-13; annexin XIII; intestine-specific annexin; annexin, intestine-specific
UniProt Protein Name	Annexin A13
UniProt Gene Name	ANXA13
UniProt Synonym Gene Names	ANX13; ISA
UniProt Entry Name	ANX13_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/canine-elisa-kits/annexin-a13-anxa13/246851>