

Canine Endothelin Receptor A ELISA Kit | ETRA elisa kit

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CATALOG #
AAA91697

REACTIVITY
Canine

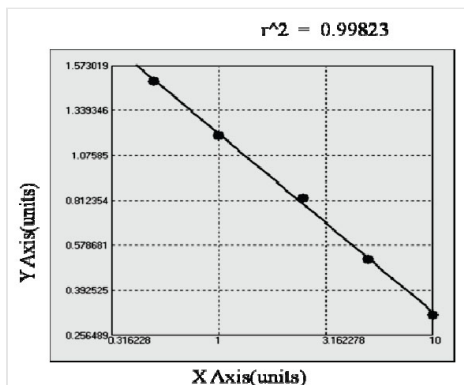
PRODUCT SYNONYMS

Endothelin Receptor A; Canine Endothelin Receptor A ELISA Kit; ETRA 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 ETRA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ETRA. 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 ETRA elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	219650
NCBI GeneID	1909
Molecular Weight	23,803 Da
NCBI Official Full Name	endothelin-1 receptor
NCBI Official Synonym Full Names	endothelin receptor type A
NCBI Official Symbol	EDNRA
NCBI Official Synonym Symbols	ETA; ET-A; ETAR; ETRA; ETA-R; hET-AR
NCBI Protein Information	endothelin-1 receptor; G protein-coupled receptor; endothelin receptor subtype A; endothelin-1-specific receptor
UniProt Protein Name	Endothelin-1 receptor
UniProt Gene Name	EDNRA
UniProt Synonym Gene Names	ETA; ETRA; ET-A; ETA-R; hET-AR
UniProt Entry Name	EDNRA_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/etra-canine-elisa-kits/endothelin-receptor-a/91697>