

Goat Endothelin Receptor A ELISA Kit | ETRA elisa kit

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CATALOG #
AAA90138

REACTIVITY
Goat

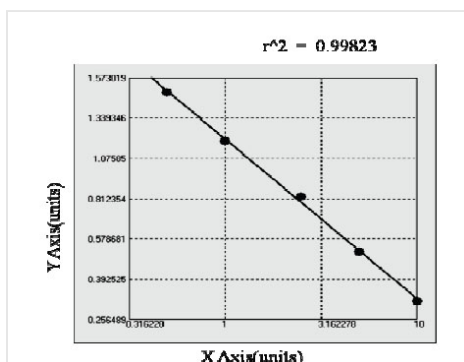
PRODUCT SYNONYMS

Endothelin Receptor A; Goat Endothelin Receptor A ELISA Kit; ETRA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ETRA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat 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.

Product Categories/Family for ETRA elisa kit

Signal Transduction

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-goat-elisa-kits/endothelin-receptor-a/90138>