

Canine Adrenomedullin ELISA Kit | AM elisa kit

Canine Adrenomedullin ELISA Kit

CATALOG # AAA92925	REACTIVITY Canine
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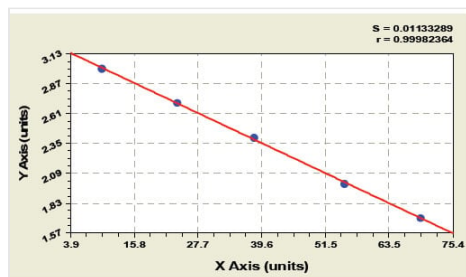
PRODUCT SYNONYMS

Adrenomedullin; Canine Adrenomedullin ELISA Kit; AM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This AMD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine AMD. 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 AM elisa kit	Principle of the Assay: AMD ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AMD antibody and an AMD-HRP conjugate. The assay sample and buffer are incubated together with AMD-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 AMD concentration since AMD from samples and AMD-HRP conjugate compete for the anti-AMD antibody binding site. Since the number of sites is limited, as more sites are occupied by AMD from the sample, fewer sites are left to bind AMD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AMD concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AM elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	194105206
Molecular Weight	47,692 Da
NCBI Official Full Name	amd
UniProt Protein Name	Amd
UniProt Gene Name	amd
UniProt Synonym Gene Names	Dperamd; Dper_GL21130; GL21130
UniProt Entry Name	B4GXD8_DROPE

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/am-canine-elisa-kits/adrenomedullin/92925>