

Canine Embryonic Ectoderm Development ELISA Kit | EED elisa kit

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CATALOG #
AAA96129

REACTIVITY
Canine

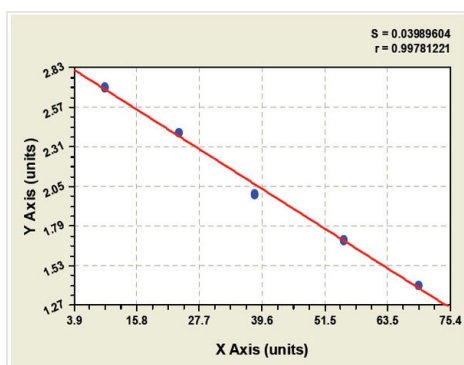
PRODUCT SYNONYMS

Embryonic Ectoderm Development; Canine Embryonic Ectoderm Development ELISA Kit; EED elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EED elisa kit

Intended Uses: This EED ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine EED. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781864
NCBI GeneID	703866
NCBI Accession #	NP_001248195.1
NCBI GenBank Nucleotide #	NM_001261266.2
NCBI Official Full Name	embryonic ectoderm development
NCBI Official Symbol	EED
NCBI Protein Information	embryonic ectoderm development; polycomb protein EED

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/eed-canine-elisa-kits/embryonic-ectoderm-development/96129>