

Dog Beta-endorphin ELISA Kit | BEP elisa kit

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CATALOG #
AAA56174

REACTIVITY
Dog

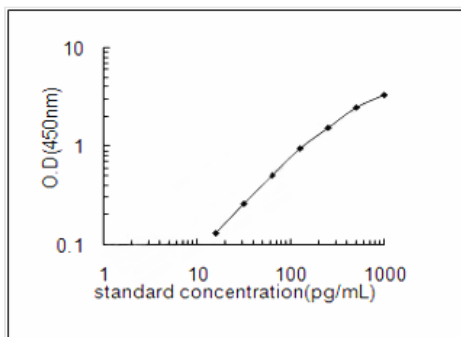
PRODUCT SYNONYMS

Beta-endorphin; Dog Beta-endorphin ELISA Kit; BEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural Dog Beta-endorphin. No significant cross-reactivity or interference was observed.
Sequence Length	31
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	15.6-1000 pg/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of dog Beta-endorphin concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BEP elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta-endorphin. During the reaction, Beta-endorphin in the sample or standard competes with a fixed amount of biotin-labeled Beta-endorphin for sites on a pre-coated Monoclonal antibody specific to Beta-endorphin. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Beta-endorphin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119332
Molecular Weight	3,438 Da
NCBI Official Full Name	Beta-endorphin
UniProt Protein Name	Beta-endorphin
UniProt Gene Name	POMC
UniProt Entry Name	COLI_CAMDR

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/bep-dog-elisa-kits/beta-endorphin/56174>