

Canine Bone Alkaline Phosphatase ELISA Kit | BALP elisa kit

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CATALOG #
AAA88823

REACTIVITY
Canine

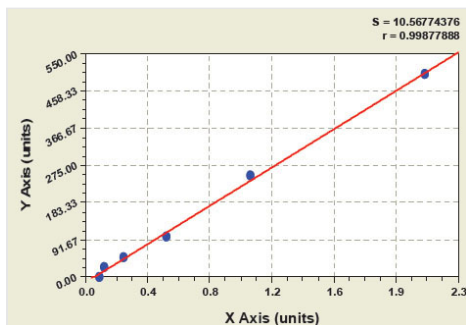
PRODUCT SYNONYMS

Bone Alkaline Phosphatase; Canine Bone Alkaline Phosphatase ELISA Kit; BALP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500 mU/mL
Sensitivity	1.0mU/mL
Intended Uses	This BALP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BALP. 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 BALP elisa kit

Principle of the Assay: BALP ELISAKit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BALP. Standards or samples are then added to the microtiter plate wells and BALP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BALP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for BALP are added to each well to "sandwich" the BALP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain BALP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BALP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194133809
Molecular Weight	42,112 Da
NCBI Official Full Name	bap
UniProt Protein Name	BAP
UniProt Gene Name	bap
UniProt Synonym Gene Names	Dsecap; Dsec_GM10423; GM10423
UniProt Entry Name	B2ZIB7_DROSE

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/balp-canine-elisa-kits/bone-alkaline-phosphatase/88823>