

Canine beta Defensins ELISA Kit | BDF elisa kit

Canine beta Defensins ELISA Kit

CATALOG #
AAA93410

REACTIVITY
Canine

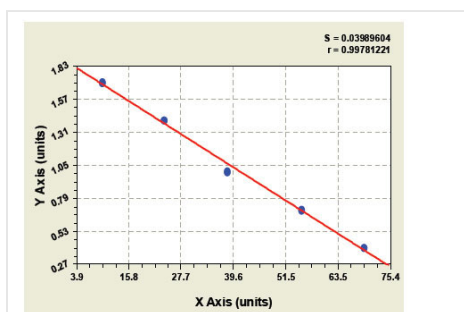
PRODUCT SYNONYMS

beta Defensins; Canine beta Defensins ELISA Kit; Canine b Defensins ELISA Kit; BDF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This BDF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BDF. 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 BDF elisa kit

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

Product Categories/Family for BDF elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q863C9
---------------------	--------

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bdf-canine-elisa-kits/beta-defensins/93410>