

Canine Thromboglobulin, Beta ELISA Kit | bTG elisa kit

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CATALOG #
AAA16829

REACTIVITY
Canine

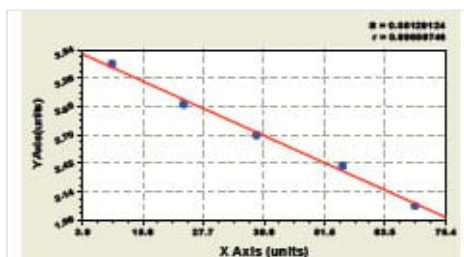
PRODUCT SYNONYMS

Thromboglobulin; Beta; Canine Thromboglobulin; Beta ELISA Kit; bTG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for bTG elisa kit

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

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

Product Categories/Family for bTG elisa kit

[Immunology](#)

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/btg-canine-elisa-kits/thromboglobulin-beta/16829>