

Canine Calreticulin ELISA Kit | CRT elisa kit

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CATALOG #
AAA89818

REACTIVITY
Canine

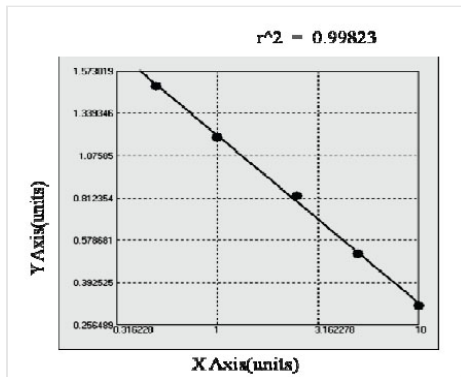
PRODUCT SYNONYMS

Calreticulin; Canine Calreticulin ELISA Kit; CRT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CRT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CRT. 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 CRT elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	294805340
Molecular Weight	48,580 Da
NCBI Official Full Name	CRT
UniProt Protein Name	CRT
UniProt Entry Name	D5L5S2_PLAFA

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/crt-canine-elisa-kits/calreticulin/89818>