

Canine Anti-acrosin antibodies ELISA Kit | ACR elisa kit

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CATALOG #
AAA88095

REACTIVITY
Canine

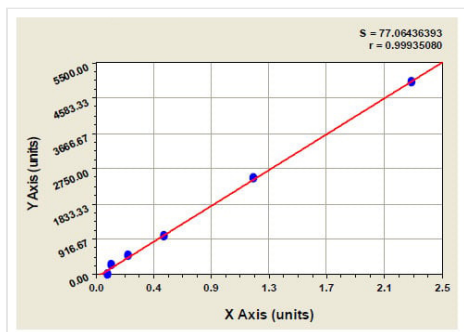
PRODUCT SYNONYMS

Anti-acrosin antibodies; Canine Anti-acrosin antibodies ELISA Kit; ACR elisa kit

PRODUCT SPECIFICATIONS

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

Principle of the Assay: ACRAb ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with acrosin antigen. Standards or samples are then added to the microtiter plate wells and ACRAb if present, will bind to the antigen pre-coated wells. In order to quantitatively determine the amount of ACRAb present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated acrosin antigen is added to each well to "sandwich" the ACRAb 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 ACRAb 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 ACRAb concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678263
NCBI GeneID	49
UniProt Accession #	P10323; Q6ICK2
Molecular Weight	45,847 Da
NCBI Official Full Name	ACR
NCBI Official Synonym Full Names	acrosin
NCBI Official Symbol	ACR
NCBI Protein Information	acrosin; proacrosin; preproacrosin; acrosin light and heavy chain prepropeptide
UniProt Protein Name	Acrosin
UniProt Gene Name	ACR
UniProt Synonym Gene Names	ACRS
UniProt Entry Name	ACRO_HUMAN

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/acr-canine-elisa-kits/anti-acrosin-antibodies/88095>