

Canine Ring Finger Protein 4 ELISA Kit | RNF4 elisa kit

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CATALOG #
AAA90390

REACTIVITY
Canine

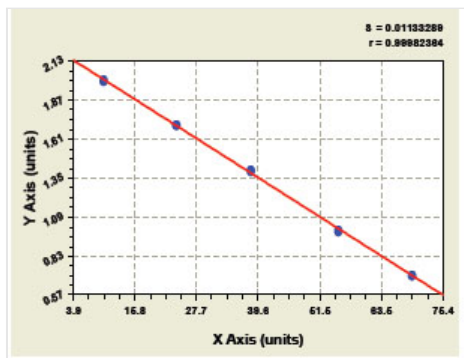
PRODUCT SYNONYMS

Ring Finger Protein 4; Canine Ring Finger Protein 4 ELISA Kit; RNF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This RNF4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine RNF4. 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 RNF4 elisa kit

Principle of the Assay: RNF4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RNF4 antibody and an RNF4-HRP conjugate. The assay sample and buffer are incubated together with RNF4-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 RNF4 concentration since RNF4 from samples and RNF4-HRP conjugate compete for the anti-RNF4 antibody binding site. Since the number of sites is limited, as more sites are occupied by RNF4 from the sample, fewer sites are left to bind RNF4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RNF4 concentration in each sample is interpolated from this standard curve

NCBI AND UNIPROT INFORMATION

NCBI GI #	2565164
NCBI GeneID	6047
Molecular Weight	12,126 Da
NCBI Official Full Name	RNF4
NCBI Official Synonym Full Names	ring finger protein 4
NCBI Official Symbol	RNF4
NCBI Official Synonym Symbols	SLX5; SNURF; RES4-26
NCBI Protein Information	E3 ubiquitin-protein ligase RNF4; E3 ubiquitin ligase RNF4; small nuclear RING finger protein
UniProt Protein Name	E3 ubiquitin-protein ligase RNF4
UniProt Gene Name	RNF4
UniProt Synonym Gene Names	SNURF; RES4-26; Protein SNURF
UniProt Entry Name	RNF4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/rnf4-canine-elisa-kits/ring-finger-protein-4/90390>