

Bovine Ring Finger Protein 4 ELISA Kit | RNF4 elisa kit

Bovine Ring Finger Protein 4 ELISA Kit

CATALOG #
AAA91913

REACTIVITY
Bovine

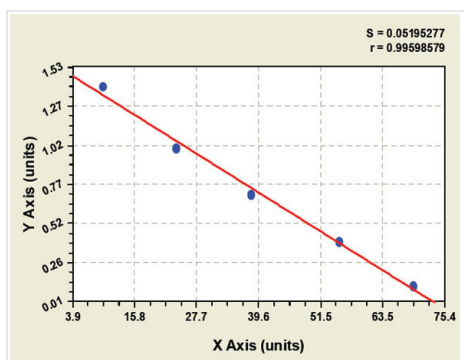
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

Product Categories/Family for RNF4 elisa kit

[Signal Transduction](#)

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.

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Online datasheet: <https://stage.aaabiotech.com/rnf4-bovine-ovine-elisa-kits/ring-finger-protein-4/91913>