

Porcine Anti-livin antibody ELISA Kit | BIRC7 elisa kit

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CATALOG #
AAA91977

REACTIVITY
Porcine

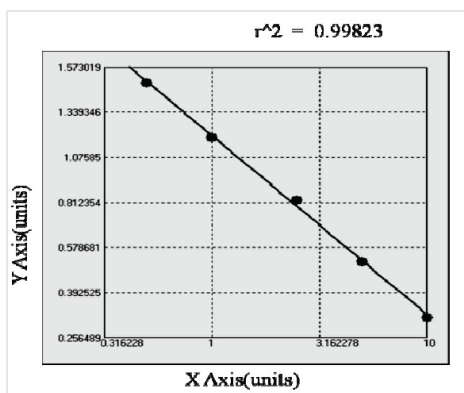
PRODUCT SYNONYMS

Anti-livin antibody; Porcine Anti-livin antibody ELISA Kit; BIRC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Anti-livin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine Anti-livin. 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 BIRC7 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	37182790
NCBI GeneID	79444
Molecular Weight	30,866 Da
NCBI Official Full Name	LIVIN
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 7
NCBI Official Symbol	BIRC7
NCBI Official Synonym Symbols	KIAP; LIVIN; MLIAP; RNF50; ML-IAP
NCBI Protein Information	baculoviral IAP repeat-containing protein 7; RING finger protein 50; livin inhibitor of apoptosis; kidney inhibitor of apoptosis protein; melanoma inhibitor of apoptosis protein
UniProt Protein Name	Baculoviral IAP repeat-containing protein 7
UniProt Gene Name	BIRC7
UniProt Synonym Gene Names	KIAP; LIVIN; MLIAP; RNF50; UNQ5800/PRO19607/PRO21344; KIAP; ML-IAP; Truncated livin; p30-Livin; tLivin
UniProt Entry Name	BIRC7_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.