

Porcine AKT-interacting protein (AKTIP) ELISA Kit | AKTIP elisa kit

Porcine AKT-interacting protein (AKTIP) ELISA Kit

CATALOG #
AAA245691

REACTIVITY
Porcine

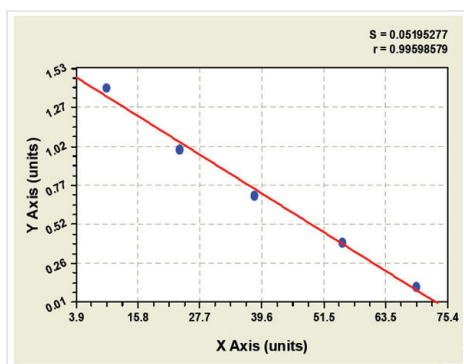
PRODUCT SYNONYMS

AKT-interacting protein (AKTIP); Porcine AKT-interacting protein (AKTIP) ELISA Kit; AKTIP 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 AKTIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine AKTIP. 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 AKTIP elisa kit

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

Product Categories/Family for AKTIP elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743933
NCBI GeneID	64400
NCBI Accession #	NP_001012398.1
NCBI GenBank Nucleotide #	NM_001012398.1
Molecular Weight	33,256 Da
NCBI Official Full Name	AKT-interacting protein
NCBI Official Synonym Full Names	AKT interacting protein
NCBI Official Symbol	AKTIP
NCBI Official Synonym Symbols	FT1; FTS
NCBI Protein Information	AKT-interacting protein; fused toes homolog; fused toes protein homolog
UniProt Protein Name	AKT-interacting protein
UniProt Gene Name	AKTIP
UniProt Synonym Gene Names	FTS
UniProt Entry Name	AKTIP_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/porcine-elisa-kits/akt-interacting-protein-aktip/245691>