Bovine Serine/threonine-protein kinase ULK3 (ULK3) ELISA Kit | ULK3 elisa kit

Bovine Serine/threonine-protein kinase ULK3 (ULK3) ELISA Kit

CATALOG #	REACTIVITY
AAA244933	**Bovine**

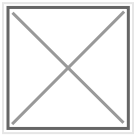
PRODUCT SYNONYMS

Serine/threonine-protein kinase ULK3 (ULK3); Bovine Serine/threonine-protein kinase ULK3 (ULK3) ELISA Kit; ULK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of ULK3. No significant cross-reactivity or interference between ULK3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ULK3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ULK3 elisa kit	Intended Uses: This ULK3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine ULK3. This ELISA kit for research use only! Principle of the Assay: ULK3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ULK3 antibody and an ULK3-HRP conjugate. The assay sample and buffer are incubated together with ULK3-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 ULK3 concentration since ULK3 from samples and ULK3-HRP conjugate compete for the anti-ULK3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ULK3 from the sample, fewer sites are left to bind ULK3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ULK3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	656214624

NCBI GeneID	25989
NCBI Accession #	NP_001092906.3
NCBI GenBank Nucleotide #	NM_001099436.3
Molecular Weight	53,217 Da
NCBI Official Full Name	serine/threonine-protein kinase ULK3 isoform a
NCBI Official Synonym Full Names	unc-51 like kinase 3
NCBI Official Symbol	ULK3
NCBI Protein Information	serine/threonine-protein kinase ULK3
UniProt Protein Name	Serine/threonine-protein kinase ULK3
UniProt Gene Name	**ULK3**
UniProt Entry Name	ULK3_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/bovine-ovine-elisa-kits/serine-threonine-protein-kinase-ulk3-ulk3/244933