

Bovine Lin28 ELISA Kit | Lin28 elisa kit

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CATALOG #
AAA95595

REACTIVITY
Bovine

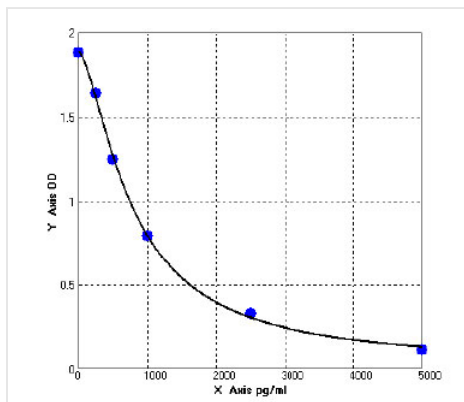
PRODUCT SYNONYMS

Lin28; Bovine Lin28 ELISA Kit; Lin28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Lin28. No significant cross-reactivity or interference between Lin28 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Lin28 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 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lin28 elisa kit	Intended Uses: This Lin28 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine Lin28. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: Lin28 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Lin28 antibody and an Lin28-HRP conjugate. The assay sample and buffer are incubated together with Lin28-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 Lin28 concentration since Lin28 from samples and Lin28-HRP conjugate compete for the anti-Lin28 antibody binding site. Since the number of sites is limited, as more sites are occupied by Lin28 from the sample, fewer sites are left to bind Lin28-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Lin28 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20306208
NCBI GeneID	79727
Molecular Weight	22,743 Da
NCBI Official Full Name	LIN28 protein
NCBI Official Synonym Full Names	lin-28 homolog A (C. elegans)
NCBI Official Symbol	LIN28A
NCBI Official Synonym Symbols	CSDD1; LIN28; LIN-28; ZCCHC1; lin-28A
NCBI Protein Information	protein lin-28 homolog A; RNA-binding protein LIN-28; zinc finger, CCHC domain containing 1; zinc finger CCHC domain-containing protein 1
UniProt Protein Name	Protein lin-28 homolog A
UniProt Gene Name	LIN28A
UniProt Synonym Gene Names	CSDD1; LIN28; ZCCHC1; Lin-28A
UniProt Entry Name	LN28A_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.