Porcine Homeobox protein Hox-A10 ELISA Kit | HoxA10 elisa kit

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CATALOG #	REACTIVITY
AAA93845	**Porcine**

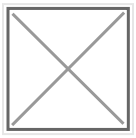
PRODUCT SYNONYMS

Homeobox protein Hox-A10; Porcine Homeobox protein Hox-A10 ELISA Kit; HoxA10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This HoxA10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine HoxA10. 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 HoxA10 elisa kit	**Principle of the Assay:** HoxA10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HoxA10 antibody and an HoxA10-HRP conjugate. The assay sample and buffer are incubated together with HoxA10-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 HoxA10 concentration since HoxA10 from samples and HoxA10-HRP conjugate compete for the anti-HoxA10 antibody binding site. Since the number of sites is limited, as more sites are occupied by HoxA10 from the sample, fewer sites are left to bind HoxA10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HoxA10 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HoxA10 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	377657202
Molecular Weight	42,564 Da
NCBI Official Full Name	Hoxa10

UniProt Protein Name	Hoxa10
UniProt Gene Name	**Hoxa10**
UniProt Entry Name	H6VN91_PIG

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/hoxa10-porcine-elisa-kits/homeobox-protein-hox-a10/93845