

Sheep Forkhead Box Protein C1 ELISA Kit | FOXC1 elisa kit

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CATALOG #
AAA96499

REACTIVITY
Sheep

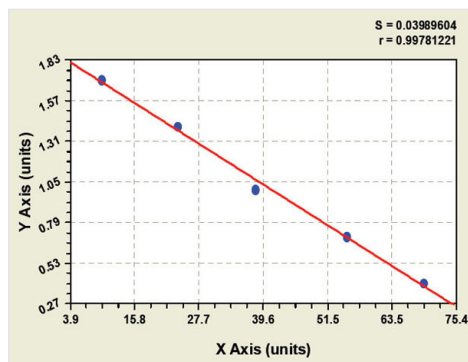
PRODUCT SYNONYMS

Forkhead Box Protein C1; Sheep Forkhead Box Protein C1 ELISA Kit; FOXC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FOXC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FOXC1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXC1 elisa kit	Principle of the Assay: FOXC1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FOXC1 antibody and an FOXC1-HRP conjugate. The assay sample and buffer are incubated together with FOXC1-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 FOXC1 concentration since FOXC1 from samples and FOXC1-HRP conjugate compete for the anti-FOXC1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FOXC1 from the sample, fewer sites are left to bind FOXC1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FOXC1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FOXC1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395716
NCBI GeneID	2296
NCBI Accession #	NP_001444.2
NCBI GenBank Nucleotide #	NM_001453.2
Molecular Weight	56,789 Da
NCBI Official Full Name	forkhead box protein C1
NCBI Official Synonym Full Names	forkhead box C1
NCBI Official Symbol	FOXC1
NCBI Official Synonym Symbols	ARA; IGDA; IHG1; FKHL7; IRID1; RIEG3; FREAC3; FREAC-3
NCBI Protein Information	forkhead box protein C1; myeloid factor-delta; forkhead box C1 protein; forkhead-related activator 3; forkhead-related protein FKHL7; forkhead, drosophila, homolog-like 7; forkhead-related transcription factor 3; forkhead/winged helix-like transcription factor 7
UniProt Protein Name	Forkhead box protein C1
UniProt Gene Name	FOXC1
UniProt Synonym Gene Names	FKHL7; FREAC3; FREAC-3
UniProt Entry Name	FOXC1_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.