

Goat Forkhead Box Protein C1 ELISA Kit | FOXC1 elisa kit

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CATALOG #
AAA94761

REACTIVITY
Goat

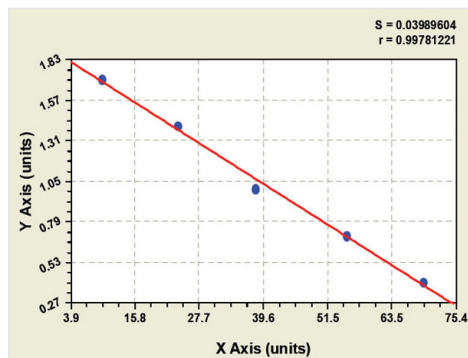
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOXC1 elisa kit

Intended Uses: This FOXC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat FOXC1. This ELISA kit for research use only!

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.

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.