

Mouse Forkhead Box Protein C2 ELISA Kit | FoxC2 elisa kit

Mouse Forkhead Box Protein C2 ELISA Kit

CATALOG #
AAA85766

REACTIVITY
Mouse

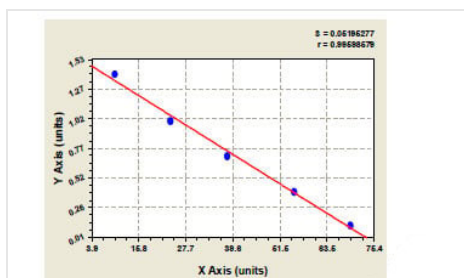
PRODUCT SYNONYMS

Forkhead Box Protein C2; Mouse Forkhead Box Protein C2 ELISA Kit; FoxC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FoxC2 elisa kit

Intended Uses||This FOXC2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FOXC2. This ELISA kit for research use only!

Principle of the Assay: FOXC2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-FOXC2 antibody and an FOXC2-HRP conjugate. The assay sample and buffer are incubated together with FOXC2-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 FOXC2 concentration since FOXC2 from samples and FOXC2-HRP conjugate compete for the anti-FOXC2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FOXC2 from the sample, fewer sites are left to bind FOXC2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FOXC2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FoxC2 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885237
NCBI GeneID	2303
NCBI Accession #	NP_005242.1
NCBI GenBank Nucleotide #	NM_005251.2
Molecular Weight	53,719 Da
NCBI Official Full Name	forkhead box protein C2
NCBI Official Synonym Full Names	forkhead box C2 (MFH-1, mesenchyme forkhead 1)
NCBI Official Symbol	FOXC2
NCBI Official Synonym Symbols	LD; MFH1; MFH-1; FKHL14
NCBI Protein Information	forkhead box protein C2; MFH-1,mesenchyme forkhead 1; transcription factor FKH-14; mesenchyme fork head protein 1; forkhead-related protein FKHL14; forkhead, Drosophila, homolog-like 14
UniProt Protein Name	Forkhead box protein C2
UniProt Gene Name	FOXC2
UniProt Synonym Gene Names	FKHL14; MFH1; MFH-1 protein
UniProt Entry Name	FOXC2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/foxc2-mouse-elisa-kits/forkhead-box-protein-c2/85766>