

Chicken Forkhead Box Protein D3 ELISA Kit | FOXD3 elisa kit

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CATALOG #
AAA97081

REACTIVITY
Chicken

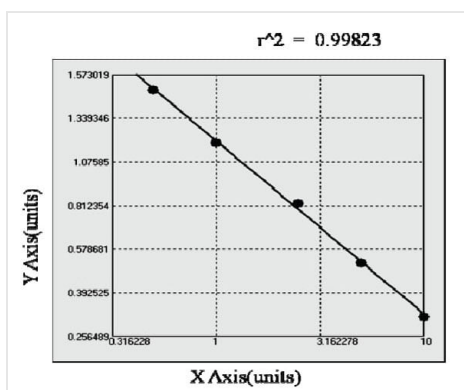
PRODUCT SYNONYMS

Forkhead Box Protein D3; Chicken Forkhead Box Protein D3 ELISA Kit; FOXD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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 FOXD3 elisa kit

Intended Uses: This FOXD3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FOXD3. This ELISA kit for research use only!

Principle of the Assay: FOXD3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FOXD3 antibody and an FOXD3-HRP conjugate. The assay sample and buffer are incubated together with FOXD3-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 FOXD3 concentration since FOXD3 from samples and FOXD3-HRP conjugate compete for the anti-FOXD3 antibody binding site. Since the number of sites is limited, as more sites are occupied by FOXD3 from the sample, fewer sites are left to bind FOXD3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FOXD3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912372
NCBI GeneID	27022
NCBI Accession #	NP_036315.1
NCBI GenBank Nucleotide #	NM_012183.2
UniProt Accession #	Q9UJU5; Q9BYM2; Q9UDD1
Molecular Weight	47,630 Da
NCBI Official Full Name	forkhead box protein D3
NCBI Official Synonym Full Names	forkhead box D3
NCBI Official Symbol	FOXD3
NCBI Official Synonym Symbols	AIS1; HFH2; VAMAS2; Genesis
NCBI Protein Information	forkhead box protein D3; HNF3/FH transcription factor genesis
UniProt Protein Name	Forkhead box protein D3
UniProt Gene Name	FOXD3
UniProt Synonym Gene Names	HFH2
UniProt Entry Name	FOXD3_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/foxd3-chicken-elisa-kits/forkhead-box-protein-d3/97081>