

Chicken Growth Differentiation Factor 6 ELISA Kit | GDF6 elisa kit

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CATALOG #
AAA88189

REACTIVITY
Chicken

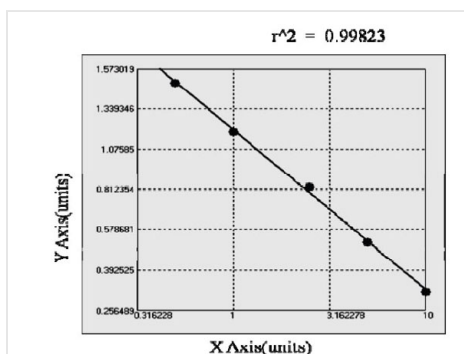
PRODUCT SYNONYMS

Growth Differentiation Factor 6; Chicken Growth Differentiation Factor 6 ELISA Kit; GDF6 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.
Intended Uses	This GDF6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GDF6. 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 GDF6 elisa kit

Principle of the assay: GDF6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GDF6 antibody and an GDF6-HRP conjugate. The assay sample and buffer are incubated together with GDF6-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 GDF6 concentration since GDF6 from samples and GDF6-HRP conjugate compete for the anti-GDF6 antibody binding site. Since the number of sites is limited, as more sites are occupied by GDF6 from the sample, fewer sites are left to bind GDF6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GDF6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GDF6 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	48475062
NCBI GeneID	392255
NCBI Accession #	NP_001001557.1
NCBI GenBank Nucleotide #	NM_001001557.2
UniProt Accession #	Q6KF10; Q6PI58
Molecular Weight	50,662 Da
NCBI Official Full Name	growth/differentiation factor 6
NCBI Official Synonym Full Names	growth differentiation factor 6
NCBI Official Symbol	GDF6
NCBI Official Synonym Symbols	KFM; KFS; KFS1; KFSL; SGM1; BMP13; CDMP2; MCOP4; SCDO4; MCOPCB6
NCBI Protein Information	growth/differentiation factor 6; GDF-6; Klippel-Feil syndrome; Klip-Feil malformation; Klippel-Feil malformation; growth/differentiation factor 16
UniProt Protein Name	Growth/differentiation factor 6
UniProt Gene Name	GDF6
UniProt Synonym Gene Names	GDF16; GDF-6
UniProt Entry Name	GDF6_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/gdf6-chicken-elisa-kits/growth-differentiation-factor-6/88189>