

Chicken GATA Binding Protein 5 ELISA Kit | GATA5 elisa kit

Chicken GATA Binding Protein 5 ELISA Kit

CATALOG #
AAA93331

REACTIVITY
Chicken

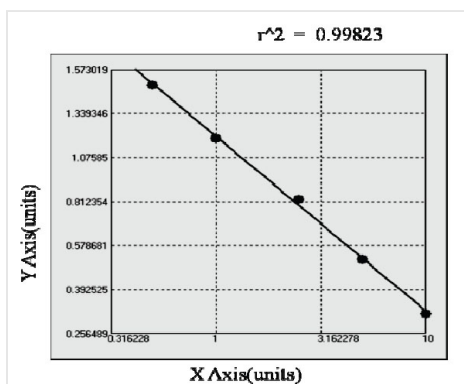
PRODUCT SYNONYMS

GATA Binding Protein 5; Chicken GATA Binding Protein 5 ELISA Kit; GATA5 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 GATA5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GATA5. 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 GATA5 elisa kit

Principle of the Assay: GATA5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GATA5 antibody and an GATA5-HRP conjugate. The assay sample and buffer are incubated together with GATA5-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 GATA5 concentration since GATA5 from samples and GATA5-HRP conjugate compete for the anti-GATA5 antibody binding site. Since the number of sites is limited, as more sites are occupied by GATA5 from the sample, fewer sites are left to bind GATA5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GATA5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29126838
NCBI GeneID	140628
UniProt Accession #	Q86VU4; Q9BWX5
Molecular Weight	43,377 Da
NCBI Official Full Name	GATA5 protein, partial
NCBI Official Synonym Full Names	GATA binding protein 5
NCBI Official Symbol	GATA5
NCBI Official Synonym Symbols	bB379O24.1
NCBI Protein Information	transcription factor GATA-5; GATA binding factor-5; GATA-binding factor 5; GATA-binding protein 5
UniProt Protein Name	GATA5 protein
UniProt Gene Name	GATA5
UniProt Entry Name	Q86VU4_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/gata5-chicken-elisa-kits/gata-binding-protein-5/93331>