

Human GATA Binding Protein 5 ELISA Kit | GATA5 elisa kit

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CATALOG #
AAA82549

REACTIVITY
Human

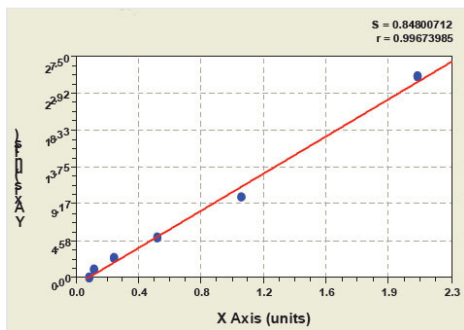
PRODUCT SYNONYMS

GATA Binding Protein 5; Human GATA Binding Protein 5 ELISA Kit; GATA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GATA5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GATA5. Standards or samples are then added to the microtiter plate wells and GATA5 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GATA5 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GATA5 are added to each well to "sandwich" the GATA5 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GATA5 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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
Molecular Weight	41,299 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	GATAS; bB379O24.1
NCBI Protein Information	transcription factor GATA-5; GATA binding factor-5; GATA-binding factor 5; GATA-binding protein 5
UniProt Protein Name	Transcription factor GATA-5
UniProt Gene Name	GATA5
UniProt Entry Name	GATA5_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.

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Online datasheet: <https://stage.aaabiotech.com/gata5-human-elisa-kits/gata-binding-protein-5/82549>