

Chicken Erythroid transcription factor ELISA Kit | GATA1 elisa kit

Chicken Erythroid transcription factor (GATA1) ELISA Kit

CATALOG # AAA55795	REACTIVITY Chicken
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PRODUCT SYNONYMS

Erythroid transcription factor; Chicken Erythroid transcription factor (GATA1) ELISA Kit; ERYF1; GATA-1; GF-1; GF1; NFE1; XLTT; GATA binding protein 1|NF-E1 DNA-binding protein|erythroid transcription factor 1|globin transcription factor 1|transcription factor GATA1; GATA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken GATA1. No significant cross-reactivity or interference between Chicken GATA1 and analogues was observed.
Sequence Length	413
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GATA1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GATA1 in samples. An antibody specific for GATA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyGATA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GATA1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GATA1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382623
NCBI GeneID	107050548
NCBI Accession #	NP_990795.1
NCBI GenBank Nucleotide #	NM_205464.1
UniProt Accession #	P17678

Molecular Weight	31,417 Da
NCBI Official Full Name	erythroid transcription factor
NCBI Official Synonym Full Names	GATA binding protein 1 (globin transcription factor 1)
NCBI Official Symbol	GATA1
NCBI Official Synonym Symbols	ERYF1; GATA-1; NF-E1a
NCBI Protein Information	erythroid transcription factor; LOW QUALITY PROTEIN: erythroid transcription factor-like
UniProt Protein Name	Erythroid transcription factor
UniProt Gene Name	GATA1
UniProt Synonym Gene Names	ERYF1; GATA-1; NF-E1a

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://www.aaabiotech.com/gata1-chicken-elisa-kits/erythroid-transcription-factor/55795>