

## Human, Mouse GATA1 ELISA Kit | GATA1 elisa kit

GATA1 (Phospho-Ser310) TFact DNA-Binding ELISA Kit

CATALOG #  
**AAA315913**

REACTIVITY  
**Human, Mouse**

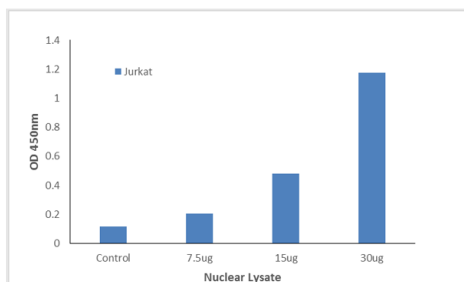
### PRODUCT SYNONYMS

GATA1; GATA1 (Phospho-Ser310) TFact DNA-Binding ELISA Kit; Erythroid transcription factor; Eryf1; GATA-binding factor 1; GATA-1; GF-1; NF-E1 DNA-binding protein; ERYF1; GF1; GATA1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human, Mouse                                                                                                                  |
| Specificity             | The TFact GATA1 (Phospho-Ser310) DNA-Binding ELISA Kit detects endogenous levels of GATA1 only when phosphorylated at Ser310. |
| Form/Format             | 12 x 8-Well Microstrips                                                                                                       |
| Sequence Length         | 413                                                                                                                           |
| Samples                 | Cell lysate                                                                                                                   |
| Assay Type              | DNA-Binding ELISA                                                                                                             |
| Sensitivity             | 10-30 ug of total protein/well                                                                                                |
| Detection Method        | Colorimetric 450 nm                                                                                                           |
| Subtype                 | Phospho                                                                                                                       |
| Preparation and Storage | Store entire kit at 4 degree C until use.                                                                                     |

### IMAGES



#### Application Data

The TFact GATA1 (Phospho-Ser310) DNA-Binding ELISA detects active GATA1 (Phospho-Ser310) in Jurkat Nuclear Extract. The Jurkat cells were grown 3 days in RPMI 1640 with 10% FBS and harvested for nuclear extract. The DNA-transcription factor complex is treated with stabilization buffer.

### NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 4503925     |
| NCBI GeneID      | 2623        |
| NCBI Accession # | NP_002040.1 |

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_002049.3</a>                               |
| UniProt Accession #              | <a href="#">P15976</a> ; <a href="#">Q96GB8</a>           |
| Molecular Weight                 | 34,232 Da                                                 |
| NCBI Official Full Name          | erythroid transcription factor                            |
| NCBI Official Synonym Full Names | GATA binding protein 1                                    |
| NCBI Official Symbol             | GATA1                                                     |
| NCBI Official Synonym Symbols    | GF1; GF-1; NFE1; XLTT; ERYF1; NF-E1; XLANP; XLTDA; GATA-1 |
| NCBI Protein Information         | erythroid transcription factor                            |
| UniProt Protein Name             | Erythroid transcription factor                            |
| UniProt Gene Name                | <b>GATA1</b>                                              |
| UniProt Synonym Gene Names       | ERYF1; GF1; GATA-1; GF-1                                  |

**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/human-mouse-elisa-kits/gata1/315913>