

## Chicken Forkhead Box Protein P3 ELISA Kit | FOXP3 elisa kit

Chicken Forkhead Box Protein P3 ELISA Kit

CATALOG #  
**AAA89110**

REACTIVITY  
**Chicken**

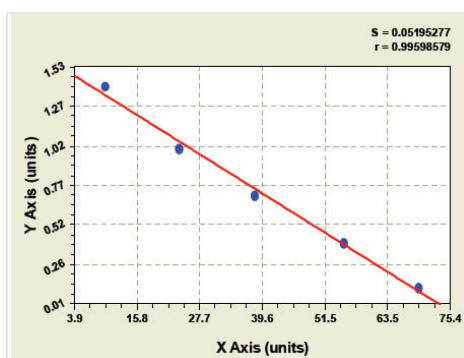
### PRODUCT SYNONYMS

Forkhead Box Protein P3; Chicken Forkhead Box Protein P3 ELISA Kit; FOXP3 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 FOXP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FOXP3. 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 FOXP3 elisa kit

**Principle of the assay:** FOXP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FOXP3 antibody and an FOXP3-HRP conjugate. The assay sample and buffer are incubated together with FOXP3-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 FOXP3 concentration since FOXP3 from samples and FOXP3-HRP conjugate compete for the anti-FOXP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by FOXP3 from the sample, fewer sites are left to bind FOXP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FOXP3 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for FOXP3 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 167466190                                                                                                                                                                   |
| NCBI GeneID                      | 50943                                                                                                                                                                       |
| NCBI Accession #                 | NP_001107849.1                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_001114377.1                                                                                                                                                              |
| UniProt Accession #              | Q9BZS1; O60827; Q14DD8; Q4ZH51; A5HJT1; B7ZLG0                                                                                                                              |
| Molecular Weight                 | 47,244 Da                                                                                                                                                                   |
| NCBI Official Full Name          | forkhead box protein P3 isoform b                                                                                                                                           |
| NCBI Official Synonym Full Names | forkhead box P3                                                                                                                                                             |
| NCBI Official Symbol             | FOXP3                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | JM2; AIID; IPEX; PIDX; XPID; DIETER                                                                                                                                         |
| NCBI Protein Information         | forkhead box protein P3; scurfin; FOXP3delta7; immunodeficiency, polyendocrinopathy, enteropathy, X-linked; immune dysregulation, polyendocrinopathy, enteropathy, X-linked |
| UniProt Protein Name             | Forkhead box protein P3                                                                                                                                                     |
| UniProt Gene Name                | <b>FOXP3</b>                                                                                                                                                                |
| UniProt Synonym Gene Names       | IPEX                                                                                                                                                                        |
| UniProt Entry Name               | FOXP3_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/foxp3-chicken-elisa-kits/forkhead-box-protein-p3/89110>