

## Rat forkhead box P3, Foxp3 ELISA Kit | Foxp3 elisa kit

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CATALOG #  
**AAA42117**

REACTIVITY  
**Rat**

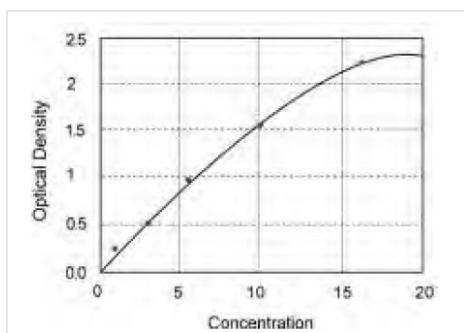
### PRODUCT SYNONYMS

forkhead box P3; Foxp3; Rat forkhead box P3; Foxp3 ELISA Kit; Foxp3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                              |
| Sequence Length         | 396                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 20-4500ng/L                                                                                                                                                                                      |
| Sensitivity             | 9.94ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Foxp3 elisa kit

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Foxp3 antibody. Foxp3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Foxp3 Antibody is added and binds to Foxp3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Foxp3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Foxp3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat forkhead box P3 (also known as Foxp3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

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; B9UN80 |
| Molecular Weight                 | 43,410 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                                |
| UniProt Protein Name             | Forkhead box protein P3                                |
| UniProt Gene Name                | <b>FOXP3</b>                                           |
| UniProt Synonym Gene Names       | IPEX                                                   |

**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/rat-elisa-kits/forkhead-box-p3-foxp3/42117>