

## Rat Phospho-Stat3 (Tyr705), p-Stat3 ELISA Kit | p-Stat3 elisa kit

Rat Phospho-Stat3 (Tyr705), p-Stat3 ELISA Kit

CATALOG #  
AAA123894

REACTIVITY  
Rat

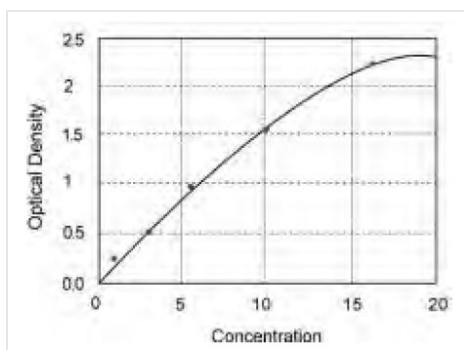
### PRODUCT SYNONYMS

Phospho-Stat3 (Tyr705); p-Stat3; Rat Phospho-Stat3 (Tyr705); p-Stat3 ELISA Kit; p-Stat3 elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Rat                                                                                                                                                                                              |
| Assay Type            | Quantitative Sandwich                                                                                                                                                                            |
| Samples               | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range       | 1.88-120ng/ml                                                                                                                                                                                    |
| Sensitivity           | 0.98ng/ml                                                                                                                                                                                        |
| 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% |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for p-Stat3 elisa kit

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat p-Stat3 antibody. p-Stat3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat p-Stat3 Antibody is added and binds to p-Stat3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated p-Stat3 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 p-Stat3. 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 Phospho-Stat3(Tyr705) (also known as p-Stat3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/phospho-stat3-tyr705-p-stat3/123894>