

## Sheep Adenosine Triphosphate ELISA Kit | ATP elisa kit

Sheep Adenosine Triphosphate ELISA Kit

CATALOG #  
**AAA88934**

REACTIVITY  
**Sheep**

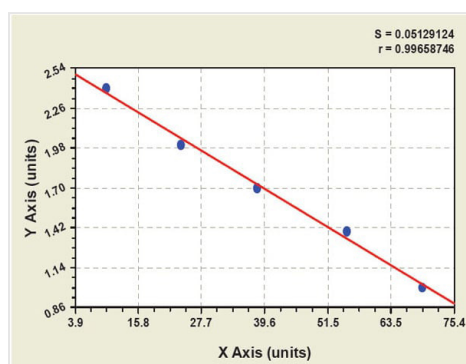
### PRODUCT SYNONYMS

Adenosine Triphosphate; Sheep Adenosine Triphosphate ELISA Kit; ATP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                          |
| Sensitivity             | 1.0 ng/mL.                                                                                                                                                                           |
| Intended Uses           | This ATP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep ATP. 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 ATP elisa kit

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

**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/atp-sheep-elisa-kits/adenosine-triphosphate/88934>