

Rat Urine protein 1 ELISA Kit | UP1 elisa kit

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CATALOG #
AAA93361

REACTIVITY
Rat

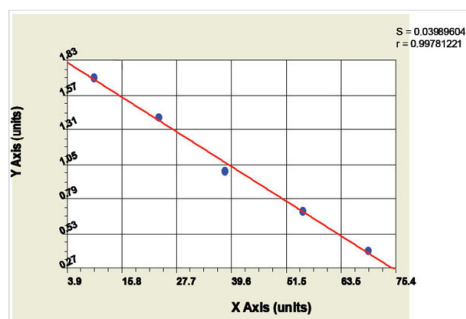
PRODUCT SYNONYMS

Urine protein 1; Rat Urine protein 1 ELISA Kit; UP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This UP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat UP1. 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 UP1 elisa kit

Principle of the Assay: UP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-UP1 antibody and an UP1-HRP conjugate. The assay sample and buffer are incubated together with UP1-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 UP1 concentration since UP1 from samples and UP1-HRP conjugate compete for the anti-UP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by UP1 from the sample, fewer sites are left to bind UP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for UP1 elisa kit

Neurobiology

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/up1-rat-elisa-kits/urine-protein-1/93361>