

Rat Asporin ELISA Kit | ASPN elisa kit

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CATALOG #
AAA87539

REACTIVITY
Rat

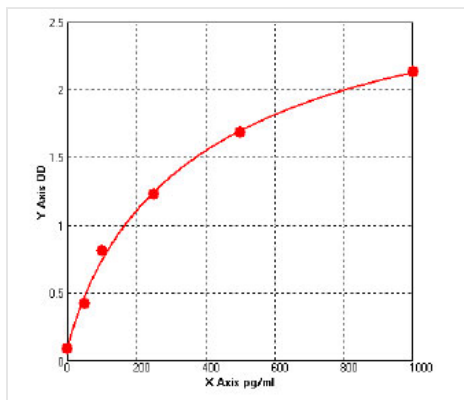
PRODUCT SYNONYMS

Asporin; Rat Asporin ELISA Kit; ASPN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ASP. No significant cross-reactivity or interference between ASP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ASP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASPN elisa kit	Principle of the Assay: ASP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ASP. Standards or samples are then added to the microtiter plate wells and ASP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ASP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ASP are added to each well to "sandwich" the ASP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ASP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASP concentration in each sample is interpolated from this standard curve. Intended Uses: This ASP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ASP. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ASPN elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	55957240
UniProt Accession #	Q5TBF2
Molecular Weight	27,749 Da
UniProt Protein Name	Asporin
UniProt Gene Name	ASPN
UniProt Synonym Gene Names	hCG_1784540
UniProt Entry Name	Q5TBF2_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/aspn-rat-elisa-kits/asporin/87539>