

Mouse Pro-Nerve Growth Factor 1 ELISA Kit | pro-NGF1 elisa kit

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CATALOG #
AAA95510

REACTIVITY
Mouse

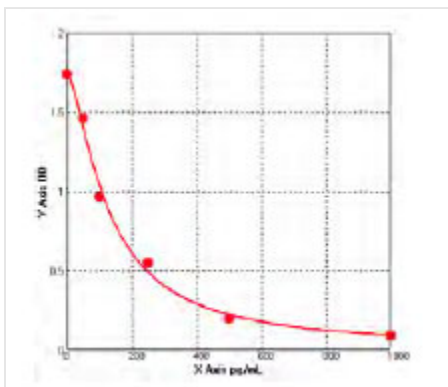
PRODUCT SYNONYMS

Pro-Nerve Growth Factor 1; Mouse Pro-Nerve Growth Factor 1 ELISA Kit; pro-NGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ProNGF. No significant cross-reactivity or interference between ProNGF and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ProNGF and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 pro-NGF1 elisa kit	Intended Uses: This ProNGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ProNGF. This ELISA kit for research use only! Principle of the Assay: ProNGF ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ProNGF antibody and an ProNGF-HRP conjugate. The assay sample and buffer are incubated together with ProNGF-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 ProNGF concentration since ProNGF from samples and ProNGF-HRP conjugate compete for the anti-ProNGF antibody binding site. Since the number of sites is limited, as more sites are occupied by ProNGF from the sample, fewer sites are left to bind ProNGF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ProNGF concentration in each sample is interpolated from this standard curve.
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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/pro-ngf1-mouse-elisa-kits/pro-nerve-growth-factor-1/95510>