

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

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CATALOG #
AAA87490

REACTIVITY
Human

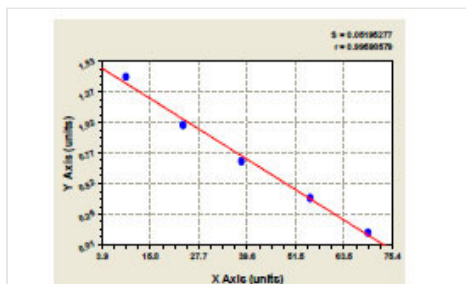
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/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 Pro NGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Pro NGF.

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

