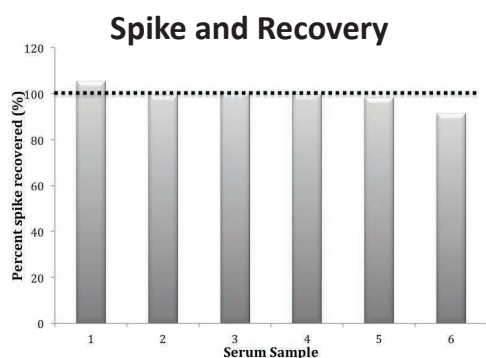


NGF/proNGF Research Reagents - ELISA Kits, Antibodies and Proteins

ELISA Kits for Quantification of proNGF in Human and Rodent Samples

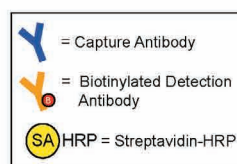
- Quantify human proNGF in supernatants, lysates and serum
- Inclusion of a heterophilic antibody blocker assures accurate readings in human blood
- Specific for proNGF - No cross-reactivity with mature NGF
- Assays with high sensitivity and speed - Get your results in less than 4 hours
- The Human proNGF *Rapid*TM ELISA Kit now contains a positive control for even better assay performance



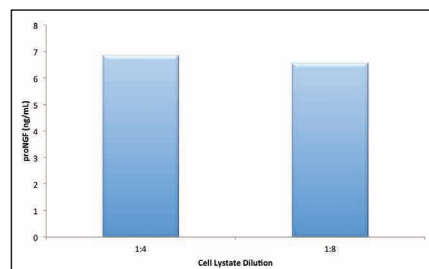
Recovery of spiked proNGF in human serum shows excellent assay accuracy

proNGF Rapid ELISA Kit Catalog No: BEK-2226

Detection of NGF in full length. The mature form is not detected.



Cell Lysates



◀ proNGF quantification in human DU145 prostate cancer RIPA cell lysates



proNGF *Rapid*TM ELISA Kits

Target	Code (2 Plate)	Code (1 Plate)	Species Reactivity	Sensitivity	Range
proNGF	BEK-2226-2P	BEK-2226-1P	Hu	30 - 60 pg/mL	0.078 - 5 ng/mL
proNGF	BEK-2236-2P	BEK-2236-1P	Ms, Rat	< 50 pg/mL	0.156 - 10 ng/mL

NGF *Rapid*TM ELISA Kits

- For quantification of NGF in human, rodent and guinea pig samples
- New: Quality Control sample for consistent assay performance (Human NGF Rapid ELISA)
- No cross-reactivity with other related growth factors
- No cross-reactivity of proNGF within the mature NGF assay range

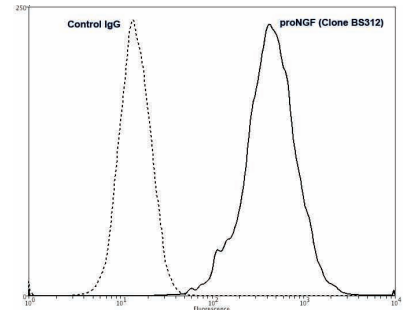
NGF *Rapid*TM ELISA Kits

Target	Code (2 Plate)	Code (1 Plate)	Species reactivity	Sensitivity	Range
NGF	BEK-2212-2P	BEK-2212-1P	Hu	2 pg/mL	3.9 pg/mL - 250 pg/mL
NGF	BEK-2213-2P	BEK-2213-1P	Ms	2 pg/mL	3.9 pg/mL - 250 pg/mL
NGF	BEK-2214-2P	BEK-2214-1P	Rat	2 pg/mL	3.9 pg/mL - 250 pg/mL

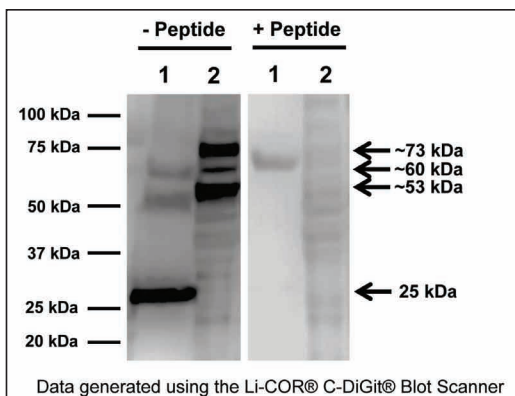
New Monoclonal proNGF Antibody (cat# M-1738-100)

- **Specific for proNGF:** Antibody raised against a pro-domain peptide
- **Validated for multiple applications:** Western blotting, immunocytochemistry, flow cytometry and immunoprecipitation
- **Purified mouse monoclonal antibody:** Ensuring highest quality and consistency
- Now also available as biotinylated antibody (cat# M-1778-50-B)

NEW



Analysis of proNGF expression in DU145 human prostate cancer cell line.



Western blot analysis of proNGF expression in human brain homogenate. Monoclonal proNGF antibody (cat# **M-1738-100**) detects monomeric, non-glycosylated proNGF protein (30 ng, E.coli derived) at 25 kDa (Sample 1). In brain, (Sample 2, 50 µg) several proNGF isoforms are detected (~53 kDa, ~60 kDa, and ~73 kDa) which have been described in literature. Specificity of these bands for proNGF is shown by pre-incubation with the immunizing peptide.

