

AlphaLISA® SureFire® Ultra™

Human p-Ret (Tyr905) Detection Kit

Product number: ALSU-PRET-B500, ALSU-PRET-B10K,
ALSU-PRET-B50K, ALSU-PRET-B-HV



Kit specificity:

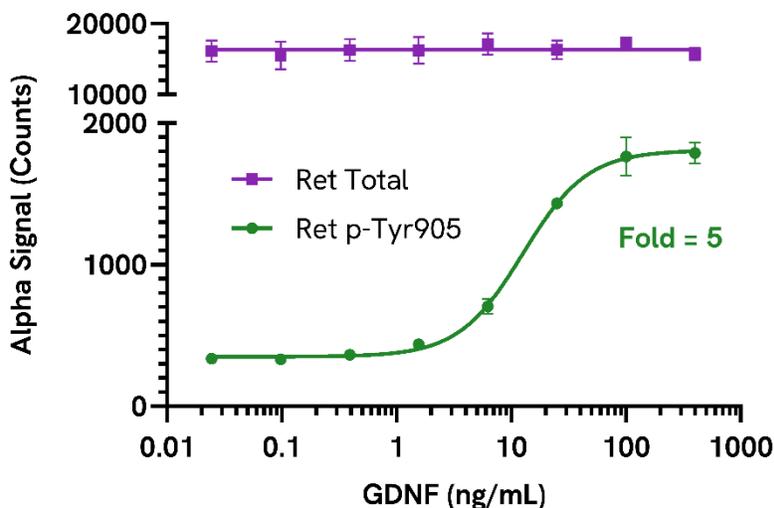
This assay kit contains antibodies which recognize the phospho-Tyr905 epitope and distal epitope on Ret. The protein detected by this kit corresponds to UniProt ID P07949. Ret is also known as proto-oncogene tyrosine-protein kinase receptor Ret. These antibodies recognize Ret of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

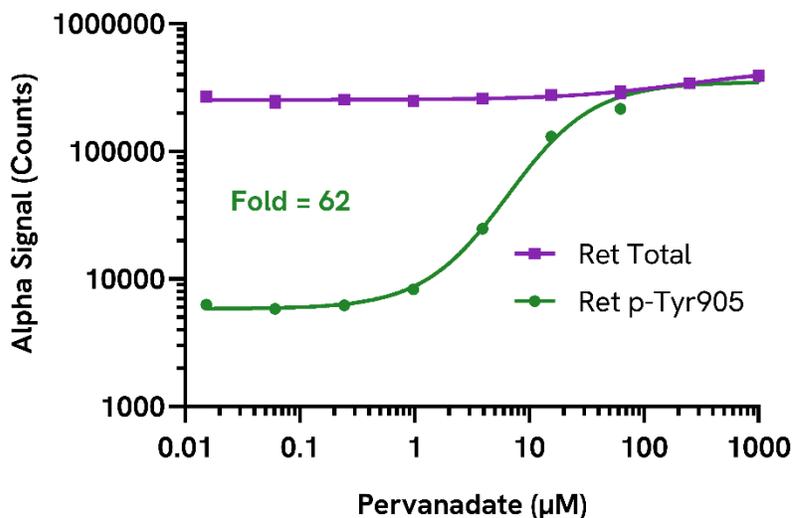
Positive Control Lysate: Prepared from SH-SY5Y cells, cultured to confluence in T175 flasks in 10% FBS containing medium. Cells were treated with 12.5 mM Retinoic Acid for 18 hours, then 1 mM Pervanadate for 30 minutes and lysed with 8 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were then starved overnight and treated with GDNF at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr905) and Total Ret using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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