

AlphaLISA® SureFire® Ultra™ Multiplex

Human p-Ret (panTyr) + Total Ret Detection Kit

Product number: MPSU-PTRET-K500, MPSU-PTRET-K10K,
MPSU-PTRET-K50K, MPSU-PTRET-K-HV



Kit specificity:

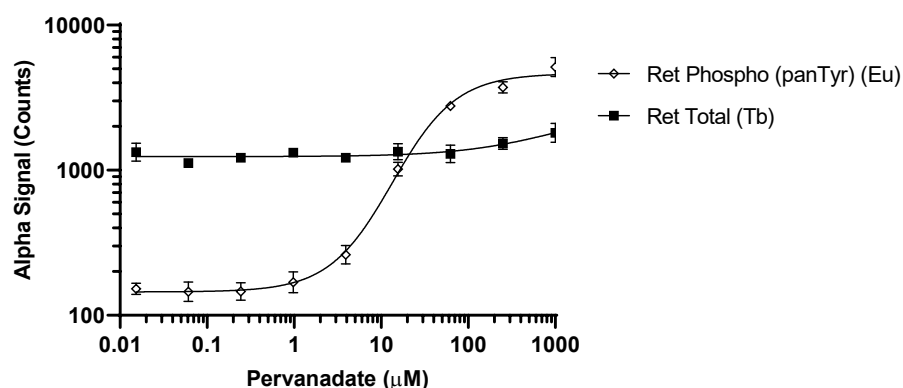
This assay kit contains antibodies which recognize phospho-pan Tyr and a distal epitope on Ret, plus antibodies to detect Total Ret. The protein detected by this kit corresponds to UniProt ID P07949. Ret is also known as Cadherin family member 12. These antibodies recognize Ret of human origin. Other 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, treated with 0.5 mM Retinoic Acid for 30 minutes and lysed with 10 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. SH-SY5Y cells were seeded at 20K cells/well in a 96 well plate and incubated overnight. Cells were treated with 12.5 μ M Retinoic Acid for 6 hours and then treated with Pervanadate at the indicated concentrations for 30 minutes. Cells were lysed with Lysis Buffer and assayed for Phospho (panTyr) and Total Ret in the same wells of an assay plate using the SureFire Ultra Multiplex kit. Equivalent to approximately 4,000 cells/datapoint.



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