

AlphaLISA® SureFire® Ultra™

# Human p-FLT3 (Tyr591) Detection Kit

**Product number:** ALSU-PFLT3-A500, ALSU-PFLT3-A10K,  
 ALSU-PFLT3-A50K, ALSU-PFLT3-A-HV



### Kit specificity:

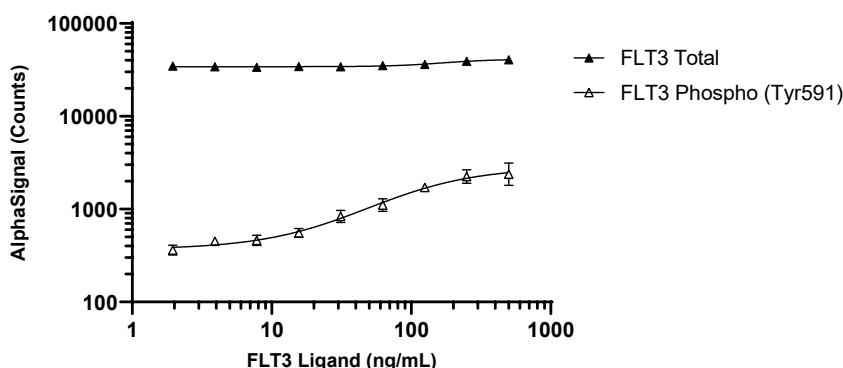
This assay kit contains antibodies which recognize the phospho-Tyr591 epitope and a distal epitope on FLT3. The protein detected by this kit corresponds to UniProt ID P36888. FLT3 is also known as Receptor-type tyrosine-protein kinase FL cytokine receptor, FLK-2 and STK-1. These antibodies recognize FLT3 of human origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

Positive Control Lysate: Prepared from THP 1 cells cultured in 10% FBS containing media. Cells were harvested and washed with HBSS + 0.1% BSA and adjusted to  $10 \times 10^6$  cells/mL. Cells were treated with 500 ng/mL FLT3L for 15 minutes and lysed with 5X Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were washed, resuspended in HBSS + 0.1% BSA and seeded at 250K cells/well in a 96 well plate. Cells were treated with FLT3L at the indicated concentrations for 10 minutes. Cells were lysed with the addition of 5X Lysis Buffer and assayed separately for Phospho (Tyr591) and Total FLT3 using respective *SureFire Ultra* kits. Equivalent to approximately 20,000 cells/datapoint.



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