

AlphaLISA® SureFire® Ultra™

## Human TIE2 Total Detection Kit

**Product number:** ALSU-TTIE2-A500, ALSU-TTIE2-A10K  
ALSU-TTIE2-A50K, ALSU-TTIE2-A-HV



### Kit specificity:

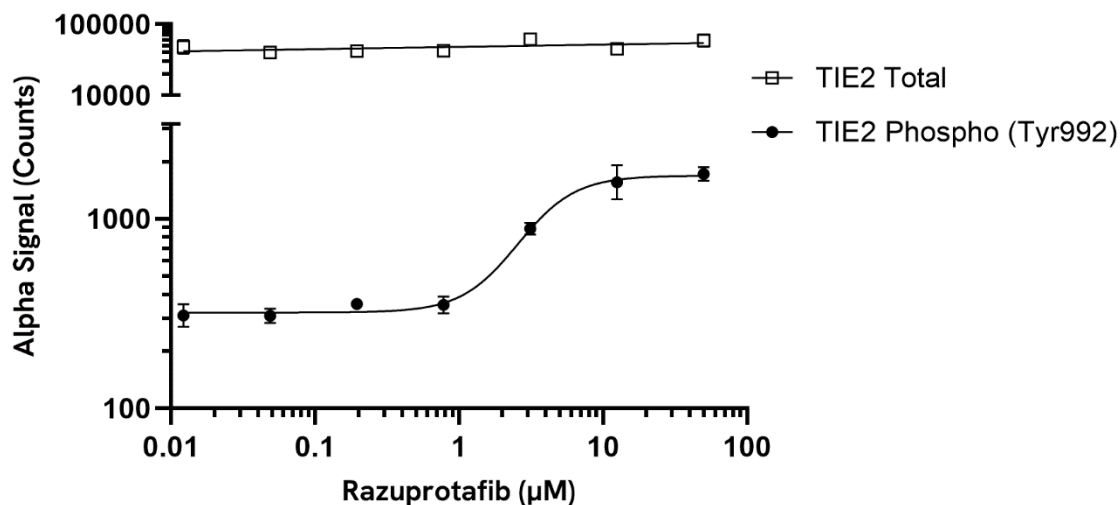
This assay kit contains antibodies which recognize distinct epitopes on TIE2. The protein detected by this kit corresponds to UniProt ID Q06807. TIE2 is also known as Angiopoietin-1 receptor and TEK. These antibodies recognize TIE2 of human origin. Other species should be tested on a case-by case basis.

### Control lysate information:

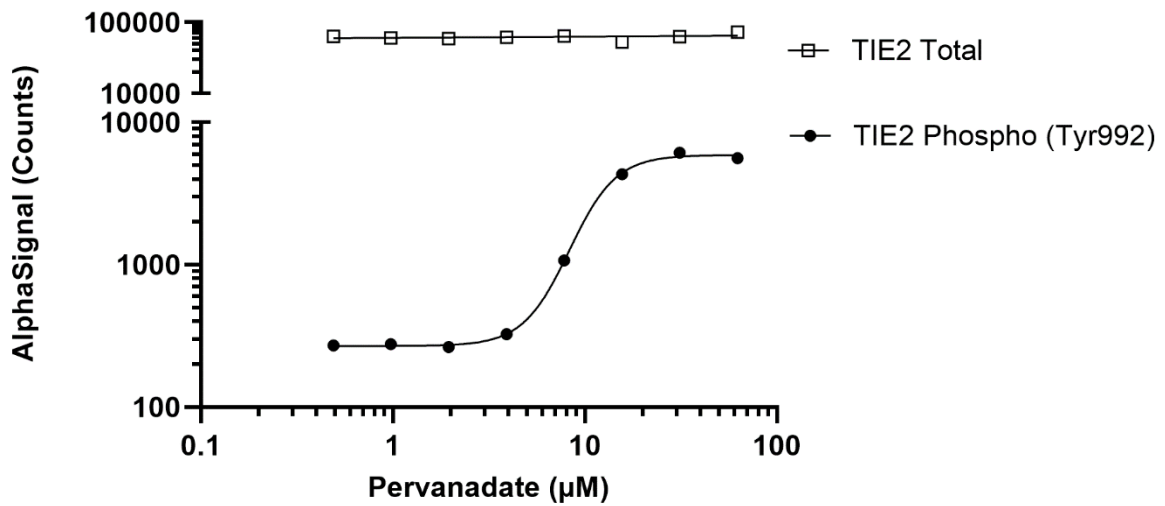
Positive Control Lysate: Prepared from HUVEC cells cultured to confluence in a T175 cm flask in FBS containing medium, treated with 250  $\mu$ M Pervanadate for 30 minutes and lysed with 4 mL of Lysis Buffer.

### Representative data:

Data obtained with a 2-plate, 2-incubation protocol. HUVEC cells were seeded at 20K cells/well in a 96 well plate and incubated overnight. Cells were starved for 2 hours and then treated with Razuprotafib at the indicated concentrations for 15 minutes. Cells were lysed and assayed separately for Phospho (Tyr992) and Total TIE2 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. HUVEC cells were seeded at 20K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with Pervanadate at the indicated concentrations for 30 minutes. Cells were lysed and assayed separately for Phospho (Tyr992) and Total TIE2 using respective *SureFire Ultra* kits. Equivalent to approximately 8,000 cells/datapoint.



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