

AlphaLISA® SureFire® Ultra™

# Human HIF-2α Total Detection Kit

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



**Kit specificity:**

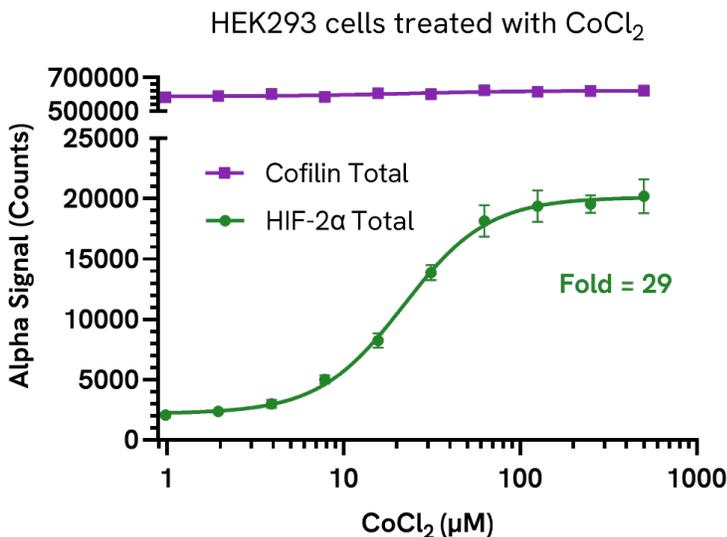
This assay kit contains antibodies which recognize distinct epitopes on HIF-2α. The protein detected by this kit corresponds to UniProt ID Q99814. HIF-2α is also known as Hypoxia-inducible factor 2-alpha and EPAS1. These antibodies recognize HIF-2α of human origin. Other species should be tested on a case-by-case basis.

**Control lysate information:**

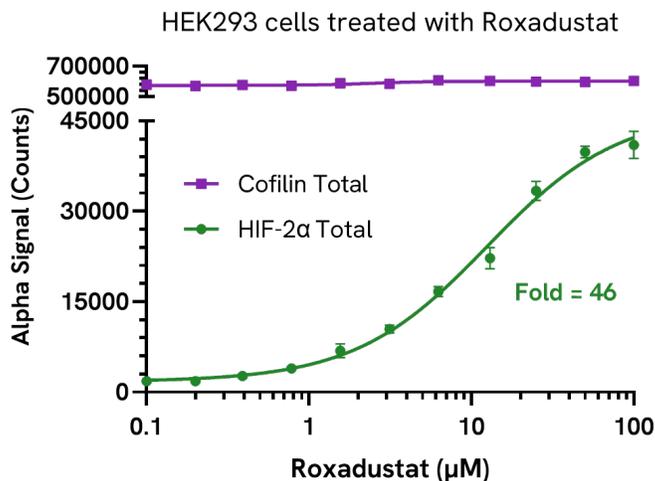
Positive Control Lysate: Prepared from HEK293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 250 μM CoCl<sub>2</sub> for 18 hours and lysed with 4 mL of Lysis Buffer.

**Representative data:**

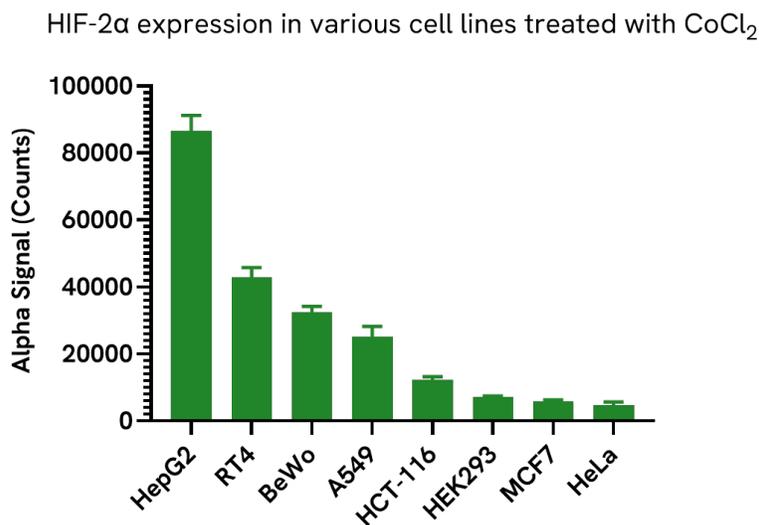
Data obtained with a 2-plate, 2-incubation protocol. HEK293 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were treated with increasing concentrations of CoCl<sub>2</sub> for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for HIF-2α Total and Cofilin Total using *SureFire Ultra* assay kits. Equivalent to approximately 2,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. HEK293 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were treated with increasing concentrations of Roxadustat for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for HIF-2 $\alpha$  Total and Cofilin Total using *SureFire Ultra* assay kits. Equivalent to approximately 2,000 cells/datapoint.



Data obtained from measurement of HIF-2 $\alpha$  Total in various cell types treated with 150  $\mu\text{M}$  CoCl<sub>2</sub> for 4 hours and lysed with Lysis Buffer. Equivalent to approximately 2,000 cells/datapoint.



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