

AlphaLISA® SureFire® Ultra™

Human and Mouse HRAS Total Detection Kit

Product number: ALSU-THRAS-A500, ALSU-THRAS-A10K,
ALSU-THRAS-A50K, ALSU-THRAS-A-HV



Kit specificity:

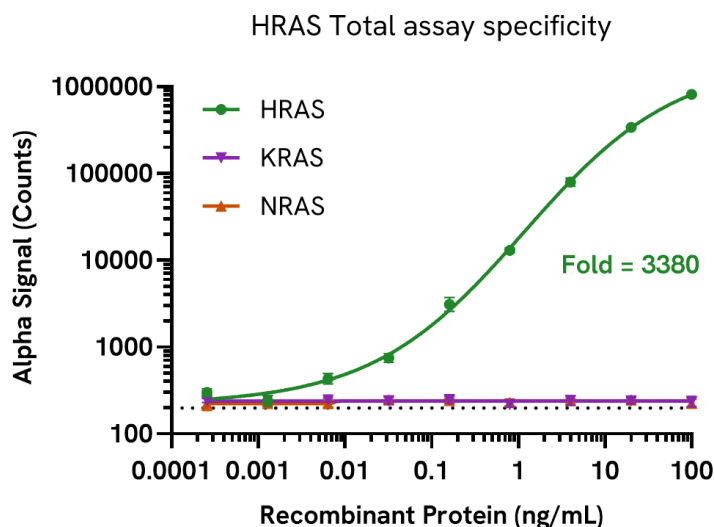
This assay kit contains antibodies which recognize distinct epitopes on HRAS. The protein detected by this kit corresponds to UniProt ID P01112. HRAS is also known as GTPase HRas, Transforming protein 21 and p21ras. This kit is specific for HRAS protein and does not recognize NRAS or KRAS isoforms. These antibodies recognize HRAS of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

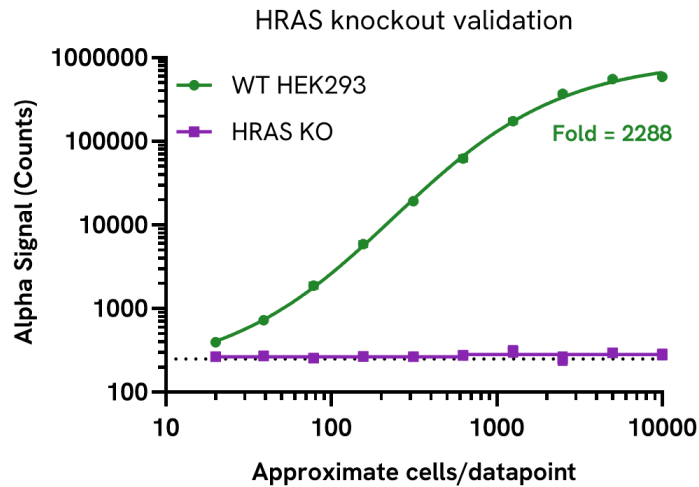
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium, lysed with 4 mL of Lysis Buffer.

Representative data:

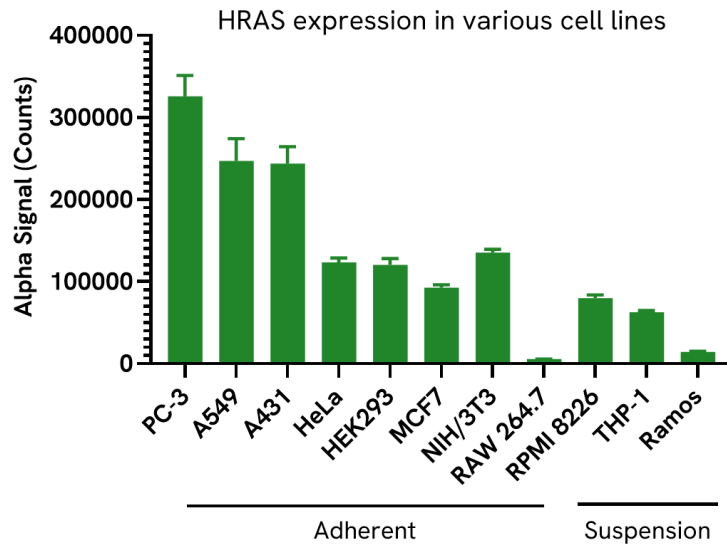
NRAS (MyBioSource, MBS143929), HRAS (Abcam, ab61239) and KRAS (Abcam, ab156968) human recombinant proteins were serially diluted with Lysis Buffer and evaluated using the HRAS Total SureFire Ultra kit. No cross-reactivity against KRAS or NRAS was observed.



HEK293 wild type (WT) and HEK293 HRAS knockout (KO, Abcam ab260858) cell lines were cultured to confluence in T175 flasks. Cells were lysed in Lysis Buffer, serially diluted with Lysis Buffer, then assayed for Total HRAS using the *SureFire Ultra* kit. Approximate number of cells/datapoint is indicated.



Data obtained from measurement of HRAS Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 5,000 cells/datapoint for adherent cells or 16,000 cells/datapoint for suspension cells.



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