

AlphaLISA™ SureFire® Ultra™

Human PAX5 Total Detection Kit

Product number: ALSU-TPAX5-A500, ALSU-TPAX5-A10K,
ALSU-TPAX5-A50K, ALSU-TPAX5-A-HV



Kit specificity:

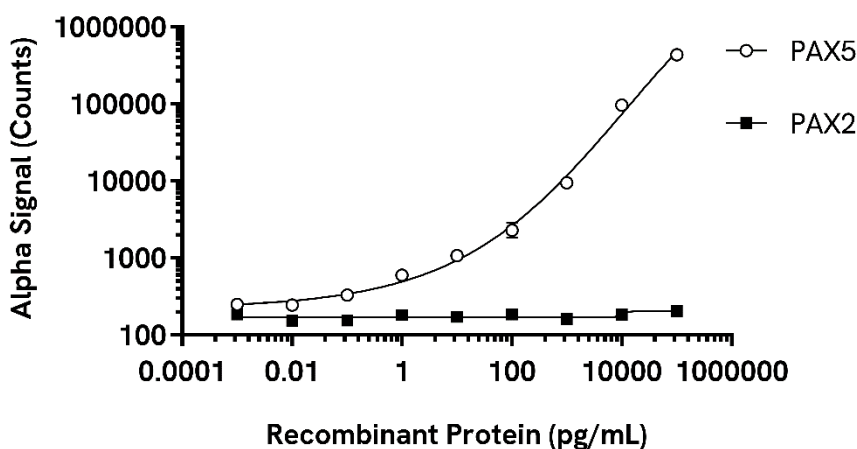
This assay kit contains antibodies which recognize distinct epitopes on PAX5. The protein detected by this kit corresponds to UniProt ID Q02548. PAX5 is also known as Paired box protein Pax-5 and B-cell-specific transcription factor (BSAP). These antibodies recognize PAX5 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

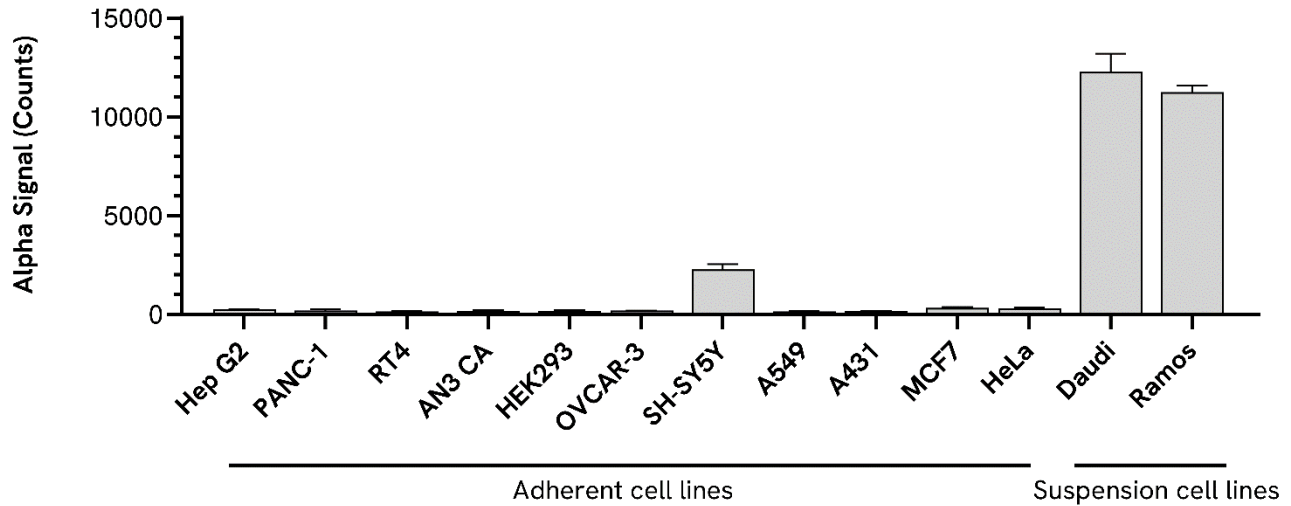
Positive Control Lysate: Prepared from Daudi cells cultured in 10% FBS containing media. Cells were harvested and washed with HBSS, adjusted to 5×10^6 cells/mL, and lysed with the addition of 5X Lysis Buffer.

Representative data:

PAX2 (Abcam, ab159050) and PAX5 (LSBio, LS-G26480-10) recombinant human proteins were serially diluted with Lysis Buffer and evaluated using the PAX5 Total SureFire Ultra kit. No cross-reactivity against PAX2 was observed despite sharing approximately 70% similarity with PAX5.



Data obtained from measurement of PAX5 Total in various cell types. Adherent cell lines were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were lysed with 100 μ L of Lysis Buffer. Suspension cell lines were seeded at 100K cells/well in a 96-well plate in HBSS + 0.1% BSA, cells were spun down and lysed with 100 μ L of Lysis Buffer. Suspension cell lysates were further diluted 1:2.5 with Lysis Buffer. Approximately 4,000 cells/datapoint for the various cell lines.



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