

AlphaLISA® SureFire® Ultra™

# Human Insulin Receptor $\beta$ Total Detection Kit

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



### Kit specificity:

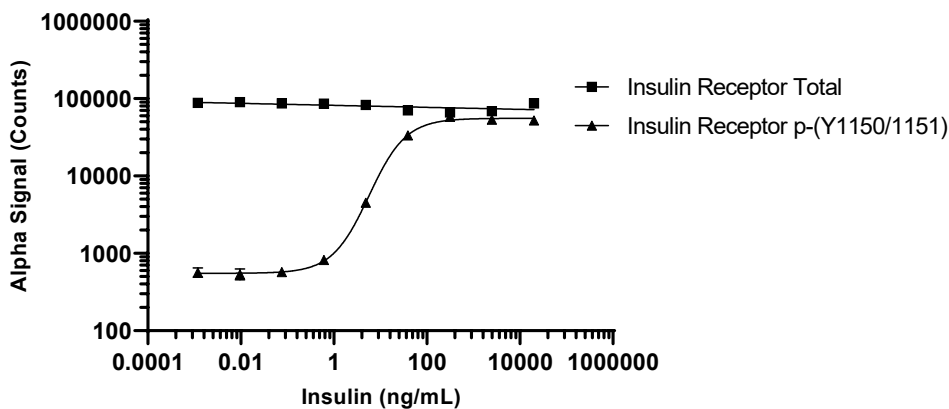
This assay kit contains antibodies which recognize distinct epitopes, on Insulin Receptor  $\beta$ . The protein detected by this kit corresponds to UniProt ID P06213. These antibodies recognize Insulin Receptor  $\beta$  of human origin and are predicted to recognize Insulin Receptor of mouse origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

**Positive Control Lysate:** Prepared from CHO cells transfected with the insulin receptor (CHO-IR cells), cultured to confluence in T175 flasks in 10% FBS containing media, then treated with 2  $\mu$ g/mL Insulin and 0.1% BSA for 15 minutes and lysed with 4 mL of Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. CHO-IR cells were plated at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with insulin in serum-free medium at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr1150/1151) and Total Insulin Receptor  $\beta$  using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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