

# Technical Data Sheet

Caution: Research use only.

## Alpha SureFire® Ultra™ Multiplex

### Terbium SureFire Ultra p-AKT (Ser473) Assay Kit For multiplexing with AlphaLISA SureFire Ultra Assay Kits

**Products: TBSU-PAKT-B500, TBSU-PAKT-B10K, TBSU-PAKT-B50K,  
TBSU-PAKT-B-HV**

#### **Kit-Specificity Information**

This assay kit contains antibodies which recognize the phospho-Ser473 epitope, and a distal epitope, common to Akt 1, Akt 2 and Akt 3. The proteins detected by this kit correspond to GenBank Accessions NP\_001014431, NP\_001617, and NP\_859029. Akt proteins are also known as PKB or RAC. These antibodies recognize Akt 1/2/3 of human, mouse and rat origin. Other species should be tested on a case-by-case basis. The antibodies in this kit are identical to those in the corresponding ALSU-PAKT-B kits, other than the CaptSure2 tag.

#### **Control Lysate Information**

Positive Control Lysate: Prepared from HEK293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium for 3 days, then treated with 20% FBS for 15min and lysed in 10mL of 1X SureFire Ultra Lysis buffer.

#### **Representative data**

Control lysate samples measured in the terbium channel using an Envision plate reader.

