



28820 Single Oak Drive • Temecula, CA 92590  
Technical Support: T: 800 437-7500 • F: 800 437-7502  
email: techserv@upstate.com  
www.upstate.com

---

## Certificate of Analysis

### Axltide

(Axl/Insulin Receptor substrate peptide)

Catalog # 12-516

Lot # 0703054341

**Product Description:** Synthetic peptide [KKSRRGDYMTMQIG]. Use as a specific substrate for Axl (Catalog # 14-512) or Insulin Receptor (Catalog # 14-466). MW = 1514.8 Daltons.

**Purity:** >90% determined by HPLC.

**Application:** Use 250 $\mu$ M as the substrate for *in vitro* Axl or Insulin Receptor activity assay.

**Formulation:** 1mg peptide determined by amino acid analysis. Lyophilized powder.

**Rehydration:** Rehydrate in water or an aqueous buffer.

**Storage and Stability:** Stable for 2 years at -20°C from date of shipment. Upon reconstitution, aliquot to prevent multiple freeze-thaw cycles and store at -20°C.

**FOR RESEARCH USE ONLY  
NOT FOR USE IN HUMANS**

---

### Quality Control Testing and Research Applications

Protein Kinase Assay: At 250 $\mu$ M, this lot was successfully phosphorylated by Axl, active (Catalog # 14-512).