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Certificate of Analysis

Axltide

(Axl/Insulin Receptor substrate peptide)

Catalog # 12-516

Lot # JBC1371376

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 250µM 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 250µM, this lot was successfully phosphorylated by Axl, active (Catalog # 14-512).