
Human Proinsulin ELISA Kit

产品编号: bsk11077

种属: Human

线性范围: 156 - 10,000 pg/mL

应用范围: S/P/CC

检测限: 70 pg/mL

适用样品基质: cell culture supernates, serum, and plasma.

保存条件: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.).

产品介绍: Insulin is a pancreatic hormone that regulates glucose and is involved in the synthesis of protein and fat. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver. Heterodimer of a B chain and an A chain linked by two disulfide bonds. Belongs to the insulin family. The insulin-like growth factors, IGF-I and IGF-II (also designated somatomedin C and multiplication stimulating activator, respectively), share approximately 76% sequence identity and are 50% related to pro-insulin. IGF-I and IGF-II are nonglycosylated, single chain proteins of 70 and 76 amino acids in length, respectively. IGF-I functions as an autocrine regulator of growth in various, whereas the function of IGF-II is less well defined.