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## Human IGFBP-7/IGFBP-rp1 ELISA Kit

产品编号: bsk11157

种属: Human

线性范围: 78 - 5000 pg/mL

应用范围: S/P/CC

检测限: 39 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: IGF-BPs form high affinity complexes with both IGF-I and IGF-II and act to control of the distribution, function and activity of IGFs in various cell tissues and body fluids. There are seven named IGF-BPs. IGFBP7 plays a role in skeletal myogenesis by binding to IGF in a manner that inhibits IGF induced differentiation of skeletal myoblasts, without affecting IGF induced proliferation. Additionally, IGFBP7 suppresses growth and colony formation of prostate and breast cancer cell lines through an IGF independent mechanism, which causes a delay in the G1 phase of the cell cycle, and increased apoptosis. IGFBP7 is expressed in a wide range of normal human tissues and it usually shows reduced expression in cancer cell lines of prostate, breast, colon, and lung origin.