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32-1539: Insulin Recombinant Protein

Description

Source : Escherichia Coli. Insulin Human Recombinant produced in E.Coli is a two chain, non-glycosylated polypeptide chain containing 51 amino acids and having a molecular mass of 5807 Dalton. Insulin is purified by proprietary chromatographic techniques. Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

Product Info

Amount :	250mg
Purification :	Greater than 98.0% as determined by RP-HPLC analysis.
Content :	The protein was lyophilized from a concentrated (1mg/ml) solution with no additives.
Storage condition :	Lyophilized Insulin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Insulin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized Insulin in sterile 0.005N HCl not more than 1 mg/ml. The Biological Activity was determined to be 28 units/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.