

Albumin

Catalog # P5203

Size 100 mg

Specification

Product Description	Solution. Exonuclease, endonuclease, ribonuclease, and protease free.
Biological function	Albumin is water soluble, main protein of plasma. It binds water, cations (such as Ca^{2+} , Na^{+} and K^{+}), fatty acids, hormones, bilirubin, thyroxine (T4) and drugs (including barbiturates). Its main function is to regulate the colloidal osmotic pressure of blood.
Host	Bovine
Form	Liquid
Preparation Method	Native protein purified from Bovine Serum
Concentration	50 mg/mL
Purity	>90%
Recommend Usage	Used as a stabilizing agent in reactions and dilutions and as a ballast protein in precipitations where nucleases and proteases are a concern.
Storage Buffer	In 50% glycerol, pH 7.0
Storage Instruction	Store at 4°C. This product is stable for at least 3 months.
Note	Some degradation products may be present.

Applications

- SDS-PAGE