Bovine α-1-Acid Glycoprotein

Catalog No. 8340

Analysis SDS PAGE: ~44 Da band, ≥95%

Concentration 1-5 mg/ml (assuming an extinction coefficient at 280 nm of 0.653 for a 1 mg/ml solution, path length = 1 cm)

Buffer 150 mM NaCl, 10 mM sodium phosphate, 0.05% NaN₃ (pH 7.4)

Storage -20°C

Source Bovine serum

α-1-Acid glycoprotein (A1AGP) is one of the most acidic proteins found in serum. It has a molecular weight of approximately 44 kDa with a high (~45%) content of carbohydrate. It is a positive acute phase reactant, the levels of which increase significantly in response to inflammation, tissue injury and disease. A1AGP is purified using a combination of acid extraction, precipitation, gel filtration and affinity chromatography steps.