**Dog α-1-Acid Glycoprotein**

- **Catalog No.** 8320
- **Analysis** SDS PAGE: ~40 kDa band
- **Purity** ≥90%
- **Concentration** 0.5 - 2 mg/ml
- **Buffer** 150 mM NaCl, 10 mM sodium phosphate, 0.05% NaN₃ (pH 7.4)
- **Storage** -20°C
- **Source** Dog serum

α-1-Acid glycoprotein (A1AGP) is one of the most acidic proteins found in serum. It has a molecular weight of approximately 40 kDa with a high (~45%) content of carbohydrate. It is a positive acute phase reactant, the levels of which increase significantly in dogs in response to inflammation, tissue injury and disease. A1AGP is purified using a combination of acid extraction, precipitation, gel filtration and ion-exchange chromatography steps.