

Life Diagnostics, Inc.

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Mouse α -1-Acid Glycoprotein

Catalog No.	8300
Analysis	SDS PAGE: Major ~50 kDa band
Concentration	0.5 - 2 mg/ml (Radial Immunodiffusion Assay)
Purity	$\geq 95\%$
Buffer	150 mM NaCl, 10 mM Tris.HCl, 0.05% NaN ₃ (pH 7.4)
Storage	-20°C
Source	Normal mouse 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 several species including mice in response to inflammation, tissue injury or disease. A1AGP is purified using a combination of acid extraction, precipitation, gel filtration and ion-exchange chromatography steps.

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