

Life Diagnostics, Inc.

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Rat Alpha-2-Macroglobulin

Catalog No.	8511
Analysis	SDS PAGE: Major ~160 kDa band
Purity	≥90%
Lot	C-I2909A
Concentration	0.5 - 2 mg/ml (Assuming an Extinction coefficient at 280 nm of 149053 cm ⁻¹ M ⁻¹ and a M.W. of 163691 Da)
Buffer	150 mM NaCl, 10 mM sodium phosphate (pH 7.2), 0.05% NaN ₃
Storage	-20 to -70°C. Avoid repeated freeze-thaws
Source	Fresh frozen rat acute phase serum

Rat alpha-2--macroglobulin is a tetrameric serum protein with a monomer molecular weight of ~163 kDa. It is a positive acute phase reactant, the levels of which can increase 100-fold or more during the acute phase response. It is purified from acute phase serum using a combination of gel filtration, ion-exchange and affinity chromatography steps.

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