

# ***Life Diagnostics, Inc.***

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## ***Rat Ceruloplasmin***

Catalog No.	8410
Analysis	SDS PAGE: Major ~120 kDa band
Purity	≥90%
Concentration	0.5 – 2.5 mg/ml
Buffer	20 mM TrisCl (pH 7.5), 1 mM EDTA
Storage	-20 to -70°C. Avoid repeated freeze-thaws
Source	Fresh frozen rat serum

Rat ceruloplasmin is a ~120 kDa monomeric serum protein that functions as a copper transporter. It is a positive acute phase reactant, the levels of which increase significantly in rats in response to inflammation, tissue injury and disease. Ceruloplasmin is purified using a combination of affinity, gel-filtration and ion-exchange chromatography steps.

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