

Life Diagnostics, Inc.

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Rat Thiostatin

Catalog No.	8820
Analysis	SDS PAGE: Major ~70 kDa doublet
Purity	≥95%
Concentration	0.25 - 2 mg/ml
Buffer	10 mM sodium phosphate (pH 7.2), 150 mM NaCl, 0.05% sodium azide, 1 mM benzamidine
Storage	-80°C. Avoid repeated freeze-thaws
Source	Fresh frozen rat serum

Rat thiostatin, is a serum protein with an apparent molecular weight of ~70 kDa. It is a cysteine proteinase inhibitor that is also a positive acute phase reactant. Its levels can increase as much as five-fold or more as a result of inflammation, tissue injury and disease. Thiostatin is also known as T-kininogen, α 1-cysteine protease inhibitor and alpha-1 major acute phase protein. It is purified using a combination of affinity, gel filtration and ion-exchange chromatography steps.

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