

Life Diagnostics, Inc.

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Cat LRG1

(Leucine rich alpha 2 glycoprotein-1)

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|---------------|----------------------------------------------------------------------|
| Catalog No. | 9060 |
| Analysis | SDS PAGE: Major ~50 kDa band on Laemmli reducing gels. |
| Purity | ≥90% |
| Concentration | 0.2 - 1 mg/ml (Abs 0.1% at 280 nm = 0.941) |
| Buffer | 150 mM NaCl, 10 mM sodium phosphate, 0.09% NaN ₃ , pH 7.2 |
| Storage | -20 to -80°C. Avoid repeated freeze-thaws |
| Source | Cat serum |

The polypeptide chain of cat LRG1 has a molecular weight of ~34,200 Da. It is N-glycosylated and migrates on reducing SDS PAGE gels as a major band of ~50 kDa. In humans, LRG1 is an acute phase protein. It is upregulated in the serum of patients suffering from various diseases including ovarian cancer, Kawasaki disease and rheumatoid arthritis.

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