

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

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## ***Cow LRG1***

***(Leucine rich alpha 2 glycoprotein-1)***

Catalog No.	9040
Analysis	SDS PAGE: Major ~50 kDa band on Laemmli reducing gels.
Purity	≥95%
Concentration	0.5 – 2.5 mg/ml (Abs 0.1% at 280 nm = 0.731)
Buffer	150 mM NaCl, 10 mM sodium phosphate, 0.09% NaN <sub>3</sub> , pH 7.2
Storage	-20 to -80°C. Avoid repeated freeze-thaws
Source	Cow acute-phase serum

The polypeptide chain of cow LRG1 has a molecular weight of 34,522 Da. It is moderately 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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