

Life Diagnostics, Inc.

610-431-7707 • Fax: 610-431-7818

Info@lifediagnostics.com • www.lifediagnostics.com

Dog LRG1

(Leucine rich alpha 2 glycoprotein-1)

Catalog No.	9030
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 = 0.732)
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	Dog acute-phase serum

The polypeptide chain of dog LRG1 has a molecular weight of 34,477 Da. It is moderately glycosylated and migrates on reducing SDS PAGE gels as a major band of ~50 kDa with a minor slightly faster migrating band. 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.

P.O. Box 5205 • West Chester PA 19380 • USA