

Galectin-3

Analyte: Galectin-3

Specimen Type: Serum, Inquire for additional option(s)

Optimum Volume: 0.5 mL

Stability:

2-8 Degrees C	-20 Degrees C	-70 Degrees C
1 day	12 months	12 months

Reporting Units: ng/mL

Method: ELISA

Biological or Clinical Significance:

Galectin-3 is a structurally unique member of a family of beta-galactosidase-binding lectins. Expression of galectin-3 has been associated with the epithelium and inflammatory cells including macrophages, neutrophils and mast cells. Galectin-3 has been implicated in a variety of biological processes important in heart failure, including myofibroblast proliferation, fibrogenesis, tissue repair, cardiac remodeling and inflammation.

Principle of Test Method:

The galectin-3 assay and enzyme linked immunosorbent assay (ELISA) designed to quantitatively measure galectin-3 in serum or plasma.