

Specimen ID:
Control ID:

Acct #:

Phone:

Rte:



Patient Details

DOB:
Age(y/m/d):
Gender: SSN:
Patient ID:

Specimen Details

Date collected:
Date entered:
Date reported:

Physician Details

Ordering:
Referring:
ID:
NPI:

General Comments & Additional Information

Clinical Info: NORMAL REPORT

Ordered Items

Galectin-3

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Galectin-3	20.0		ng/mL	<22.2	01

Reference range of <22.2 ng/mL applies to population without known heart disease.

Galectin-3 is NOT a marker of cardiac distress or decompensation.

Galectin-3 is a marker of fibrosis and adverse remodeling resulting in a more progressive form of chronic heart failure. The BGM Galectin-3 assay results should be interpreted in conjunction with clinical evaluation as an aid in assessing the prognosis of patients diagnosed with chronic heart failure.

* Galectin-3 levels less than or equal to 17.8 ng/mL - LOWER risk of adverse outcomes including mortality or hospitalization.

* Galectin-3 levels greater than 17.8 ng/mL - HIGHER risk of adverse outcomes including mortality or hospitalization.

* Galectin-3 levels between 17.8 ng/mL and 25.9 ng/mL should be interpreted with caution because these values lie within the reference range.

Additional Considerations

- Approximately 30% of NYHA class II/III outpatient population were found to have elevated galectin-3 levels (>17.8 ng/mL). [1]
- Elevated galectin-3 is found in similar percentages of patients with systolic dysfunction and preserved ejection fraction. [1]
- Galectin-3 shows modest correlations with clinical variables, including Age (slightly higher levels in older subjects), Gender (women have slightly higher values) certain co-morbidities (diabetes and atrial fibrillation), and NYHA classification. [2]
- Once elevated galectin-3 levels are generally stable over time. [2]
- Drugs effective in the management of patients with heart failure often fail to reduce levels of galectin-3 and galectin-3 levels should not be used to guide therapy.
- * Galectin-3 testing was cleared by the FDA for use in patients with chronic heart failure only. [1]

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(1) BG Galectin-3 Product Label						
(2) de Boer, R; Lok, D; Jaarsma, T, et al. Value of Plasma Galectin-3 levels in Heart Failure with Reduced and Preserved Ejection Fraction. Ann Medicine, 2011; 43 (1):60-68.						