Test Definition: FBBAB

Lyme Disease Antibody Index for CNS Infection

Reporting Title: Lyme Disease Ab for CNS Infection
Performing Location: Focus Diagnositics, Inc.

Specimen Requirements:

Requires Serum AND CSF

Draw blood in a red-top tube(s) (Serum gel tube is acceptable.) Spin down and submit 2 mL refrigerate serum.

Collect 2 mL CSF in a sterile plastic vial and submit refrigerate.

Note: Serum and CSF must be drawn within 24 hours of each other.

Specimen Type	Temperature	Time
CSF	Refrigerated (preferred)	14 days
	Frozen	30 days
	Ambient	5 days
Serum	Refrigerated (preferred)	14 days
	Frozen	30 days
	Ambient	5 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z0677	Lyme Disease Ab Index **Also used by tests: FZ003**	Alphanumeric		In Process
Z0358	Control Ab Index **Also used by tests: FZ003**	Alphanumeric		In Process
Z0359	Albumin Ratio **Also used by tests: FZ004**	Alphanumeric		In Process
Z0360	Interpretation **Also used by tests: FZ004**	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Borrelia burgdorferi	4	86618		
Billing only	Albumin, Serum	1	82040		
Billing only	Gammaglob,IgA,IgD,IgG,IgM	2	82784		
Billing only	Urine, Qnt, each	1	82042		
FZ003	Lyme Disease Ab Index			Yes	No
FZ004	Albumin Ratio			Yes	No

Reference Values:

Lyme Disease Antibody Index:
< or = 1.0 Negative
1.1 - 1.2 Equivocal
> or = 1.3 Positive

Control Antibody Index: < or = 1.0

Albumin Ratio: <0.0078

The Lyme Disease Antibody Index is used as an aid for the diagnosis of neuroborreliosis. An increased Lyme Disease Antibody Index (>1.2), accompanied by a Control Antibody Index of less than 1.0 and an Albumin Ratio of less than 0.0078, is strong evidence for intrathecal synthesis of organism-specific antibody, and thus CNS B. burgdorferi infection. Elevation of either the control antibody index, the Albumin Ratio, or both may indicate leakage of antibody across the blood-brain barrier which may falsely elevate the Lyme Disease Antibody Index.

Test Performed by: Focus Diagnostics, Inc.
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