Oligoclonal Banding

Zero (0) oligoclonal bands were observed in the CSF.

Interpretation:
Criteria for Positivity: Four (4) or more oligoclonal bands observed only in the CSF have been shown to be most consistent with MS using our method. [Fortini AS, Sanders EL, Weinshenker BG, and Katzmann JA: Cerebrospinal Fluid Oligoclonal Bands in the Diagnosis of Multiple Sclerosis. Am J Clin Pathol 120(5):672−675, 2003].

Oligoclonal bands that are present only in the CSF have been associated with a variety of inflammatory brain diseases such as multiple sclerosis (MS), subacute encephalitis, neurosyphilis, etc. Increased IgG in the CSF is not specific for MS, but is an indication of chronic neural inflammation. Clinical correlation indicated.

Approximately 2−3% of clinically confirmed MS patients show little or no evidence of oligoclonal bands in the CSF; however oligoclonal bands may develop as the disease progresses.

Oligoclonal Banding testing performed using Isoelectric Focusing (IEF) and immunoblotting methodology.
Oligoclonal Banding

In addition, three (3) paired bands were observed in both the CSF and serum. The paired CSF and serum bands may indicate co-existing systemic diseases outside of the CNS.

Interpretation:
Criteria for Positivity: Four (4) or more oligoclonal bands observed only in the CSF have been shown to be most consistent with MS using our method. [Fortini AS, Sanders EL, Weinshenker BG, and Katzmann JA: Cerebrospinal Fluid Oligoclonal Bands in the Diagnosis of Multiple Sclerosis. Am J Clin Pathol 120(5):672-675, 2003].

Oligoclonal bands that are present only in the CSF have been associated with a variety of inflammatory brain diseases such as multiple sclerosis (MS), subacute encephalitis, neurosyphilis, etc. Increased IgG in the CSF is not specific for MS, but is an indication of chronic neural inflammation. Clinical correlation indicated.

Approximately 2-3% of clinically confirmed MS patients show little or no evidence of oligoclonal bands in the CSF; however oligoclonal bands may develop as the disease progresses.

Oligoclonal Banding testing performed using Isoelectric Focusing (IEF) and immunoblotting methodology.