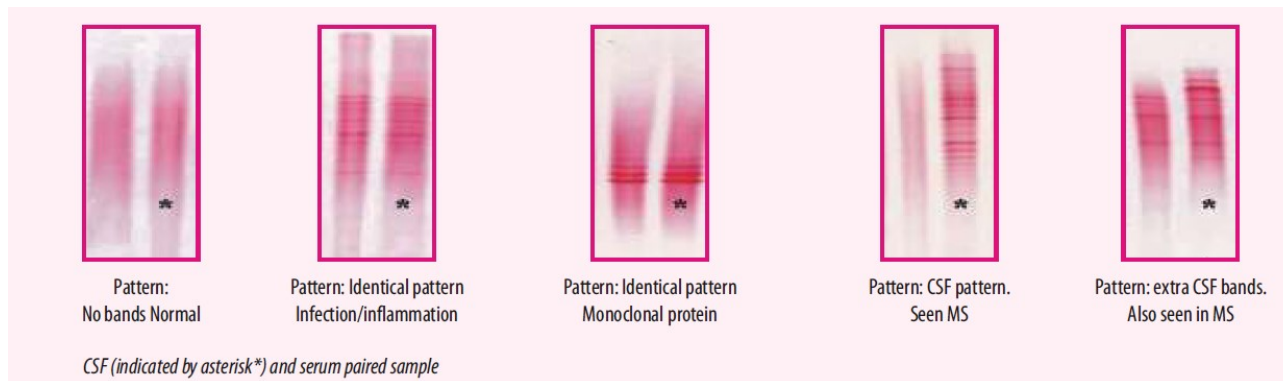


# Oligoclonal Band Test

For diagnosis of multiple sclerosis; especially useful in patients with equivocal clinical presentation and radiological findings

## Clinical Utility and Interpretation

- Oligoclonal bands (OCB) are proteins called immunoglobulins, which suggest inflammation of the central nervous system. The presence of oligoclonal bands may be a sign of multiple sclerosis
- Abnormal CSF IgG indexes and OCB patterns have been reported in 70% to 80% of MS patients
- At least 1 of these tests has been reported to be positive in 90% of MS patients when both test are performed
- A finding of **2 or more cerebrospinal fluid (CSF)-specific bands** (ie, bands that are present in CSF but are absent in serum) is consistent with multiple sclerosis. The number of bands in the oligoclonal patterns does not correlate with disease severity or prognosis



OCB & elevated CSF IgG levels are present in other disease states including meningoencephalitis, neurosyphilis, G.B Syndrome and meningeal carcinomatosis

## Isoelectric Focusing – A Gold Standard for detection of Oligoclonal Bands

The sensitivity of Isoelectric Focusing for the detection of Oligoclonal Bands exceeds 95%

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### TEST DETAILS

Test Name

Oligoclonal Band Test

Technology

Iso electric Focussing

Detection

Multiple Sclerosis

Starting Material

2 ml of CSF and 2ml Serum for confirmation

Turnaround Time

4-5 days

Add similar details of Multiple Sclerosis Profile