

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. BC350	Billing Date : 07/07/2023 12:13:41
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012456	Report Released on : 20/07/2023 17:58:25
Accession No : 10002304512	Barcode No. : 10002304512-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Oligoclonal Bands CSF

Sample: CSF

Method: Isoelectric Focusing

OLIGOCLONAL BANDS IgG, CSF (Isoelectric focusing)	Absent
Interpretation: -	Oligoclonal bands not seen in CSF isoelectric focussing.

Note

1. Isoelectric focusing is the gold standard technique with greatest sensitivity & specificity for diagnosis of Multiple sclerosis
2. Ideally, serum and CSF should be tested simultaneously

Comment

Increased intrathecal synthesis of immunoglobulins, particularly IgG, occurs in demyelinating diseases like Multiple sclerosis. Oligoclonal bands are present in 90% of patients with clinically diagnosed Multiple sclerosis. Simultaneous Isoelectric focusing of serum and CSF samples helps to distinguish between the production of oligoclonal bands due to Peripheral gammopathy from that due to local production in the CNS. Oligoclonal bands are also seen in Subacute sclerosing panencephalitis, Inflammatory polyneuropathy, CNS lupus & brain tumours.

**** End of Report ****



Dr. Aarti Khanna Nagpal

DNB (Pathology)
Senior Consultant

