



Yashvi M. Patel

Age : 21 Years

Sex : Female

UHID : 556



Sample Collected At:

125, Shiv complex, S G Road, Mumbai

Sample Collected By: Mr Suresh

Ref. By: **Dr. Hiren Shah**



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

Ganglioside GM1 Antibody, IgG

Investigation	Result	Reference Value	Unit
Sample Type	Serum (1 ml)	TAT: 5 days (Normal: 5 - 8 days)	

Ganglioside GM1 Antibody IgG

Immunoblot

Negative

Comments:

Guillain-Barre syndrome falls under the category of autoimmune peripheral neuropathies, encompassing a range of disorders that include Acute Inflammatory Demyelinating Polyradiculoneuropathy, Acute Motor Axonal Neuropathy, Miller Fisher syndrome, and Acute Motor and Sensory Axonal Neuropathy. These conditions are characterized by a sudden onset and the presence of Ganglioside antibodies, particularly GM1, Asialo GM1, and GD1b. These antibodies play a role in immune-mediated damage to the peripheral nerves.

ANTIBODIES	IMMUNOGLOBULIN CLASS	ASSOCIATED DISEASE
GM1	IgM	Multifocal motor neuropathy
GM1, GD1a, GT1b	IgM, IgG, IgA	Guillain - Barre syndrome
GQ1b	IgG	Miller - Fisher syndrome
GD1b	IgG	Sensory neuropathy

Uses:

This diagnostic assay plays a pivotal role in supporting the identification of neurological diseases, particularly primary motor neuron diseases and motor neuropathies.

Thanks for Reference

****End of Report****

H. Otatani

Medical Lab Technician

(DMLT, BMLT)

Dr. Payal Shah

Dr. Payal Shah

(MD, Pathologist)

Dr. Vimal Shah

Dr. Vimal Shah

(MD, Pathologist)

