



Name	: XXXXXXXXXXXX	Referred By	: XXXXXXXXXXXX
Id	: XXXXXXXXXXXX	Billed	: XXXXXXXXXXXX
Age	: XX/Y	Collected On	: XXXXXXXXXXXX
Gender	: X	Reported	: XXXXXXXXXXXX
Phone	: XXXXXXXXXXXX	Vid	: XXXXXXXXXXXX

Test	Result	Units	Biological Reference Interval
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DEPARTMENT OF SEROLOGY

Auto Immune Encephalitis Panel (NMDA, AMPA-GluR1 and R2, GABA B receptor, VGKC (LGI1), CASPR2 by IFA)
(Method: Immunofluorescence)

Sample Type	Serum	Units	Biological Reference Interval
NMDA (Antiglutamate Receptor against NR1 subunit)	Negative		Negative
AMPA(Antiglutamate receptor) GluR1	Positive		Negative
AMPA(Antiglutamate receptor) GluR2	Negative		Negative
GABAB receptor antibody	Negative		Negative
LGI1 antibody (VGKC type)	Negative		Negative
CASPR2 antibody (VGKC type)	Negative		Negative

INTERPRETATION

Interpretation:

Indirect Immunofluorescence in 1:10 sample screening dilution. This test detects the antibodies (IgG) in Transfected HEK cells.

Name	Function	Neurological Syndrome	Frequently Associated Tumours
Antiglutamate receptor(type NMDA)	Cation channel, Synaptic(glutamatergic) signal transmission, synaptic plasticity	Anti-glutamate receptor(type NMDA) encephalitis (approx. 60% as PNS)	Ovarian teratoma, Testicular teratoma
Antiglutamate receptor(type AMPA)	Cation channel, Synaptic(glutamatergic) signal transmission, synaptic plasticity	Limbic encephalitis(approx. 70% as PNS)	Bronchial carcinoma, breast carcinoma, thymoma
Anti-GABA receptor	Synaptic(GABAergic) signal transmission, synaptic plasticity	Limbic encephalitis(approx. 50% as PNS)	Small Cell Lung Cancer
Anti-LGI1	Component of transsynaptic complex involved in synaptic signal transmission	Limbic encephalitis(approx. 10% as PNS)	Thyroid carcinoma, SCLC, kidney cell carcinoma, ovarian teratoma, thymoma
AntiLGI1CASPR2	Component of adhesion complex for VGKC localisation in juxtaparanodes of myelinated axons	Neuromyotonia, Morvan's syndrome, limbic encephalitis(30% as PNS)	Thymoma

--- End of the Report ---



Disclaimer :

All laboratory test results must be interpreted within the context of the patient and should be used along with other tests and clinical findings. Laboratory test results may vary depending upon age, sex, time of sample collection, diet, medication and physiological variations.
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