

Mr. KIRAN BHAGWAN Taware

PID NO: P10424533891970

Age: 56 Year(s) Sex: Male

240067106859053



Reference: DR.PRASHANT ATHALE

VID: 240067106859053

Sample Collected At:

Mahatma Gandhi Mission New Bombay

Hsp

Mahatma Gandhi Mission New Bombay

Hsp Plot # 35 Sector-3 Vashi Navi

Mumbai Mumbai 27-mh 400703 In

Processing Location:- Metropolis

Healthcare Ltd,Unit No409-416,4th

Floor,Commercial Building-1,Kohinoor

Mall,Mumbai-70

Registered On:

13/10/2024 05:23 PM

Collected On:

13/10/2024 5:18PM

Reported On:

16/10/2024 05:50 PM

Investigation**Observed Value****Biological Reference Interval****CASPR2 antibody (VGKC type)**
(Immunofluorescence)

NEGATIVE

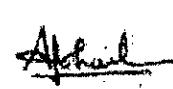
Negative

Method: Indirect Immunofluorescence. CCT Sample tested neat without dilution. This test detects the antibodies (IgG) in Transfected HEK cells.

Antigen	Disease Associations	
	AUTOIMMUNE NEUROLOGICAL SYNDROME	TUMORS WITH PARANEOPLASTIC SYNDROMES (PNS)
NMDA (anti-glutamate receptor against NR1 subunit)	NMDA encephalitis	Ovarian teratoma, Testicular teratoma (approx. 60% as PNS)
AMP (anti-glutamate receptor) - GluR1	Limbic encephalitis	Bronchial carcinoma, Breast carcinoma, Thymoma (approx. 70% as PNS)
AMPA (anti-glutamaterceptor) - GluR2	Limbic encephalitis	Bronchial carcinoma, Breast carcinoma, Thymoma (approx. 70% as PNS)
GABA-B receptor antibody	Limbic encephalitis	Small cell Lung Carcinoma (SCLC) (approx. 50% as PNS)
LG1-1 antibody (VGKC type)	Limbic encephalitis	Thyroid carcinoma, SCLC, Renal carcinoma, Ovarian teratoma, Thymoma (approx. 10% as PNS)
CASPR2 antibody (VGKC type)	Neuromyotonia, Morvan's syndrome, Limbic encephalitis	Thymoma (approx. 30% as PNS)

Remarks: Autoantibodies against neuronal surface antigens are found in patients with autoimmune encephalopathies. since these antigens play a direct or indirect role in synaptic signal transduction and plasticity, the associated autoimmunities manifest with seizures and neuropsychiatric symptoms. The resulting syndromes can have non-paraneoplastic or paraneoplastic aetiology.**Abbreviation:** AMPA: Alpha-amino-3-hydroxy-5-methyl-4-isoxazol-propionic acid, CASPR2: Contactin-associated protein 2, GABA: Gamma-amino-butyric acid, LG11: Leucine-rich glioma-inactivated protein1, NMDA: N-methyl-D-aspartate, PNS: paraneoplastic neurological syndrome, SCLC: Small-cell lung cancer, HEK: Human Embryonic Kidney.**-- End of Report --**

Page 2 of 2



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Look for '●' mark for the authenticity of this report.