



Neuronal Antibodies

Synonyms	Brain antibodies, paraneoplastic antibodies
Clinical Indication	<p>Investigation of paraneoplastic neurological syndromes.</p> <p>Neurological symptoms: Stiff person's syndrome; encephalomyelitis; subacute sensory neuropathy; sensorimotor peripheral neuropathy; myoclonus and opsoclonus; limbic encephalitis, cerebellar degeneration.</p> <p>It is essential to provide relevant clinical information.</p> <p>Specialist request only</p>
Part of Profile / See Also	
Request Form	Combined Pathology manual Blood form or ICE request
Availability / Frequency of Analysis	Referred test: Analysed by Protein Reference Unit, Sheffield 8494
Turnaround Time	1 month
Patient Preparation	None required
Sample Requirements	*Please note a separate sample is required when Immunology tests are requested in addition to Biochemistry tests*
Specimen Type	Serum or plasma (EDTA, heparin or citrate)
Volume	2 ml
Container	 Yellow top (SST) tube or  Paediatric Yellow top (SST) tube or
Reference Range & Units	A normal result is negative
Interferences	None known
Interpretation & Clinical Decision Value (if applicable)	<p>Antibodies and current associations:</p> <p>Yo - subacute or paraneoplastic cerebellar degeneration as a complication of gynaecological cancer or Hodgkin's disease.</p> <p>Hu – sensory neuropathy and limbic encephalitis in patients with small cell lung carcinoma.</p> <p>Ri - Opsoclonus myoclonus associated with breast cancer.</p> <p>Amphiphysin - paraneoplastic encephalomyelitis and stiff person syndrome associated with small cell lung carcinoma or breast cancer.</p> <p>CV2.1 - paraneoplastic cerebellar degeneration, paraneoplastic encephalomyelitis, peripheral neuropathy, associated with small cell lung carcinoma, thymoma or sarcoma.</p> <p>Ma2/Ta - brain-stem/limbic encephalitis associated with testicular germ cell cancer or breast cancer.</p>

References

<https://sheffieldlaboratorymedicine.nhs.uk/search-test.php?search=3045>

Test code

ANN1

Lab Handling

Aliquot and store at 4°C prior to testing and at -20°C or below for up to one month after receipt.



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