



Basal Ganglia Antibodies

Synonyms	BGA, ABGA
Clinical Indication	Movement disorders including Sydenham's chorea, dystonia and tics Post-Streptococcal psychiatric disturbances (PANDAS) in children
Part of Profile / See Also	
Request Form	Combined Pathology manual blood request form or ICE request
Availability / Frequency of Analysis	Referred test: Analysed by Neuroimmunology Laboratory at The National Hospital Queen's Sq 8045 Hospital for Neurology and Neurosurgery
Turnaround Time	3 weeks
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
Volume	7 ml
Container	 Yellow top (SST) tube.  Paediatric Yellow top (SST) tube
Reference Range & Units	Positive or Negative
Interferences	Haemolysed serum samples and plasma are not suitable for testing.
Interpretation & Clinical Decision Value (if applicable)	<p>A Negative result is normal. A Positive result should be repeated on a second sample. A confirmed positive result should be followed by streptococcal serology and NMDA receptor antibody testing.</p> <p>The sensitivity and specificity of the antibodies in post-streptococcal neurological patients is 80-90% when compared to normal, neurological and streptococcal infection controls.</p> <p>False positives appear more commonly in patients with other streptococcal immune mediated manifestations such as rheumatic fever or glomerulonephritis.</p>
References	
Test code	BGA

Lab Handling

Aliquot and store at 4-8°C prior to testing and at -20°C or below for up to 1 month after receipt.



8045

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