


Glycine receptor Antibodies

Synonyms	GRAB
Clinical Indication	<p>Spinal and brain stem disorders (Stiff person syndrome and progressive encephalomyelitis with rigidity and myoclonus (PERM))</p> <p>It is essential to provide relevant clinical information.</p>
Part of Profile / See Also	
Request Form	Combined Pathology manual blood request form or ICE request
Availability / Frequency of Analysis	<p>Referred test: University of Oxford Neuroimmunology Research Group – This test is NOT UKAS accredited.</p> <p>Available for request from Consultant Neurologist.</p>
Turnaround Time	21 days
Patient Preparation	No special preparation is 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	 <p>Yellow top (SST) tube.</p> <p>Samples should be transported to the laboratory as soon as is practicably possible.</p>
Reference Range & Units	<p>Results reported as Positive or Negative.</p> <p>Normal = negative</p>
Interferences	
Interpretation & Clinical Decision Value (if applicable)	Glycine receptors are required for regulating motor neurone excitability. The presence of glycine receptor antibodies is associated with spinal and brain stem disorders including stiff person syndrome and progressive encephalomyelitis with rigidity and myoclonus
References	<p>Glycine receptor antibodies in PERM and related syndromes: characteristics, clinical features and outcomes. Brain. 2014. 137:2178-2192.</p> <p>https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/glycine-receptor-antibodies.aspx</p>
Test code	GRAB
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.