



Glycine receptor Antibodies

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| 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: Analysed by Immunology, Oxford University Hospital 8782</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 | Glycine receptor antibodies in PERM and related syndromes: characteristics, clinical features and outcomes. Brain. 2014. 137:2178-2192. |
| 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. |
| |  <p>8782 Accredited to ISO 15189:2012</p> |