



Phospholipase-2 Antibodies

Synonyms	PLA2 Receptor antibodies, Anti-phospholipase-2 antibodies, PLA2R, APLA
Clinical Indication	<p>Primary (idiopathic) membranous nephropathy</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	Referred test: Analysed by Immunology, Bart's and the Royal London Hospital 8285
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
	<p>Samples should be transported to the laboratory as soon as is practicably possible.</p>
Reference Range & Units	Normal = <14 kU/L
Interferences	
Interpretation & Clinical Decision Value (if applicable)	<p>PLA2R antibodies have a role in distinguishing idiopathic and secondary membranous nephropathy – they have been found in 52-82% of patients with idiopathic membranous nephropathy but only in 5-25% of patients with secondary membranous nephropathy.</p> <p>PLA2R antibodies are strongly associated with disease activity and have been shown to be markers to monitor patient response to immune suppression. Values can fall to normal ranges 3-6 months before there are clinical signs of remission.</p> <p>Spontaneous remission occurs less frequently in those with high antibody values.</p>
References	https://www.immqas.org.uk/TestItem.asp?id=917

Emily P McQuarrie; Anti-phospholipase A2 receptor antibodies in primary membranous nephropathy—10 key points, *Nephrology Dialysis Transplantation*, Volume 33, Issue 2, 1 February 2018, Pages 212–213

Jullien, Perrine et al. “Anti-phospholipase A2 receptor antibody levels at diagnosis predicts spontaneous remission of idiopathic membranous nephropathy” *Clinical kidney journal* vol. 10,2 (2017): 209-214.

Test code

APLA

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.



8285
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ISO 15189:2012