

EliA™ Cardiolipin IgA and EliA™ β 2-Glycoprotein I IgA

Meaningful completion of Phadia APS testing panel

APS testing algorithms include...

Lupus Anticoagulant (LA) Cardiolipin IgG, IgM β2-Glycoprotein I IgG, IgM	first line testing as recommended in Sydney criteria ¹
Cardiolipin IgA β2-Glycoprotein I IgA	second line testing
Other potentially APS related markers	third line testing

- Isolated elevation of IgA anti-cardiolipin and anti- β 2-GPI antibodies can occur in APS patients²
- The more markers / isotypes are found positive, the surer is the diagnosis APS¹

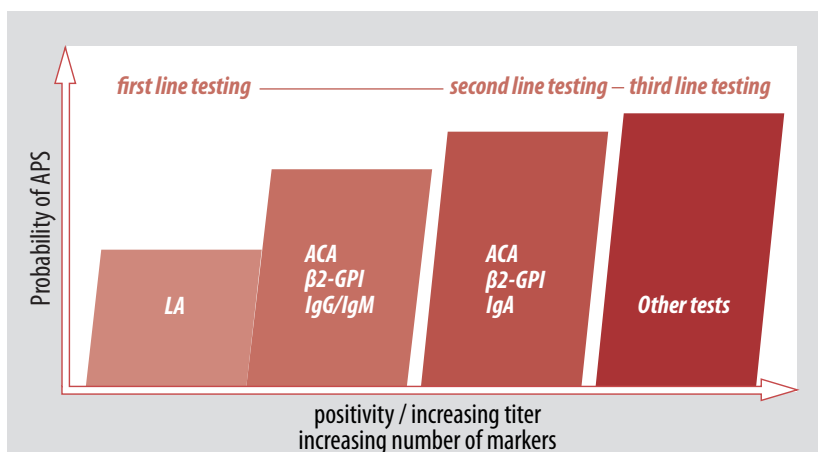


Figure 1: Increasing probability for APS

Increased diagnostic value in particular ethnic groups

- APS IgA parameters are relevant in people with black African background³
- Sole positivity in this patient group must be considered^{2, 5-9}



EliA™ Cardioliipin IgA and EliA β2-Glycoprotein I IgA – Sensitivity and specificity

- The EliA™ APS IgA tests demonstrate a good differentiation between APS patients and diseased control patients. An increased positivity rate in SLE patients is expected and in concordance with findings by testing other isotypes.

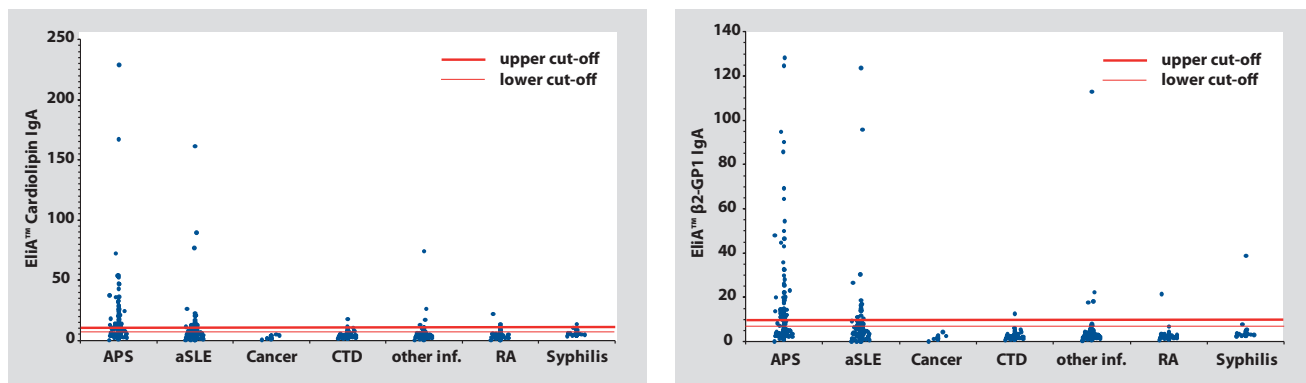


Figure 2 and 3: Performance of EliA™ Cardioliipin IgA and EliA β2-Glycoprotein I IgA in various disease conditions

	n	EliA™ Cardioliipin IgA cut off: 14 / 20 APL-U/ml (%)	EliA™ β2-Glycoprotein I IgA cut off: 7 / 10 EliA-U/ml (%)
APS (sensitivity)	124	28.2 / 21.0	53.2 / 44.4
Specificity*	200	97.5 / 98.5	94.5 / 96.5
SLE	100	9.7 / 7.0	30.0 / 13.0
Cancer	10	0	0
CTD (ex SLE)	50	0.5 / 0	0.5 / 0.5
other inf.	80	6.0 / 4.0	8.8 / 5.0
RA	40	2.5 / 2.5	2.5 / 2.5
Syphilis	20	0	15.0 / 10.0

* based on disease controls ex SLE

Table 1: Positivity of EliA™ Cardioliipin IgA and EliA β2-Glycoprotein I IgA in various disease conditions

EliA™ panel on one instrument – fast and easy fully automated detection of APS

- On the instruments Phadia 100, Phadia 250 or Phadia 2500, all three Isotypes (IgG, IgM, IgA) of both parameters can be measured from one and the same original serum tube in one run.

Ordering information

Products

	Article number	Content
■ EliA™ Cardioliipin IgG Well	14-5529-01	48 determinations
■ EliA™ Cardioliipin IgM Well	14-5530-01	48 determinations
■ EliA™ Cardioliipin IgA Well NEW!	14-5528-01	24 determinations
■ EliA™ β2 -Glycoprotein I IgG Well	14-5532-01	48 determinations
■ EliA™ β2 -Glycoprotein I IgM Well	14-5533-01	48 determinations
■ EliA™ β2 -Glycoprotein I IgA Well NEW!	14-5531-01	24 determinations

For general reagents please see Phadia Autoimmunity Product Catalog.

References

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Phadia

Phadia GmbH, Munzinger Str. 7, D-79111 Freiburg, Germany, Tel: +49 761 47-805-0, Fax: +49 761 47-805-120, autoimmunity@phadia.com, www.phadia.com

Head office Sweden +46 18 16 50 00 Austria +43 1 270 20 20 Belgium +32 2 749 55 15 Brazil +55 11 3345 5050 Czech Republic +46 18 16 63 65 Denmark +45 70 23 33 06 Finland +358 9 8520 2560 France +33 1 6137 3430 Germany +49 761 47 805 0 Italy +39 02 64 163 411 Japan +81 3 5365 8332 Norway +47 21 67 32 80 Portugal +351 21 423 53 50 Spain +34 935 765 800 South Africa +27 11 792 6790 Switzerland +41 43 343 40 50 Taiwan +886 2 2516 0925 The Netherlands +31 30 602 37 00 United Kingdom / Ireland +44 1908 769 110 Other Countries +46 18 16 50 00