

ANTI-PHOSPHOLIPID PRODUCTS

- Anti-Cardiolipin*
- Anti-Phosphatidylserine*
- Anti-Beta 2 Glycoprotein I*
- Anti-Prothrombin

**Now available in new automation-friendly, extended incubation format, to complement the current rapid format assays.*

Anti-Cardiolipin (aCL) antibodies IgG, IgM, and IgA

Anti-Cardiolipin antibodies (IgG, IgM, and IgA) are associated with arterial and venous thrombosis, thrombocytopenia, and recurrent fetal loss (antiphospholipid syndrome). They are frequently found in patients with systemic lupus erythematosus (SLE) and other autoimmune diseases.

Rapid format	023-001	aCL IgG/IgM	96 well
(15-15-10)	023-002	aCL IgG/IgM	288 well
	026-001	aCL IgA	96 well
	026-006	aCL IgA	288 well
Extended incubations*	11139	aCL IgG	96 well
(30-30-30)	12747	aCL IgG	288 well
	11140	aCL IgM	96 well
	12748	aCL IgM	288 well
	11141	aCL IgA	96 well
	12770	aCL IgA	288 well

Anti-Phosphatidylserine (aPS) antibodies IgG, IgM, and IgA

Anti-Phosphatidylserine antibodies (IgG, IgM, and IgA) are associated with the same clinical manifestations as aCL. Phosphatidylserine is found in the membranes of platelets and endothelial cells, and participates in the coagulation cascade. Testing for antibodies to phosphatidylserine provides not only more clinically relevant results, but also additional information to assess the risk of thrombosis.

Rapid format	030-001	aPS IgG/IgM	96 well
(15-15-10)	030-002	aPS IgG/IgM	288 well
	10206	aPS IgA	96 well
	10497	aPS IgA	288 well
Extended incubations*	11142	aPS IgG	96 well
(30-30-30)	12803	aPS IgG	288 well
	11143	aPS IgM	96 well
	12768	aPS IgM	288 well
	11144	aPS IgA	96 well
	12804	aPS IgA	288 well

Anti-Beta 2 Glycoprotein I antibodies IgG, IgM and IgA

Beta 2 Glycoprotein I (B2GPI) is a protein cofactor with natural anticoagulant properties and an affinity for negatively-charged phospholipids. Antibodies directed against B2GPI have been shown to be specific markers for thrombosis in individuals with systemic lupus erythematosus (SLE) and lupus-like disorders (antiphospholipid syndrome).

Rapid format (15-15-10)	037-001	aB2GPI IgG	96 well
	038-001	aB2GPI IgM	96 well
	039-001	aB2GPI IgA	96 well
Extended incubations* (30-30-30)	11233	aB2GPI IgG	96 well
	12785	aB2GPI IgG	288 well
	11234	aB2GPI IgM	96 well
	12776	aB2GPI IgM	288 well
	11235	aB2GPI IgA	96 well
	12787	aB2GPI IgA	288 well

Anti-Prothrombin (aPT) antibodies IgG and IgM

Prothrombin is a protein associated with the coagulation system that has strong phospholipid binding properties. Elevated serum or plasma levels of anti-prothrombin antibodies may add valuable information in the laboratory assessment of antiphospholipid antibodies.

Rapid format (15-15-10)	10238	aPT IgG	96 wells
	10240	aPT IgM	96 wells

SUMMARY OF PROTOCOL

1. Add 100 µl of Calibrator, Controls, and patient samples to the microwells.
2. Incubate at room temperature for 15 minutes.
3. Decant contents.
4. Wash 4 times (5 times for aCL IgA) with PBS (PBS/Tween 20 for β₂GP1).
5. Add 100 µl of Conjugate to each well except the water blank.
6. Incubate at room temperature for 15 minutes.
7. Decant contents.
8. Wash 4 times (5 times for aCL IgA).
9. Add 100 µl of Substrate to each well except the water blank.
10. Incubate at room temperature for 10 minutes.
11. Add 100 µl of Stop Solution to each well except the water blank.
12. Add 200 µl of distilled or deionized water to the water blank well.
13. Read the O.D. of each well at 450 nm, against a 650 nm reference filter, (if available), within 30 minutes.



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