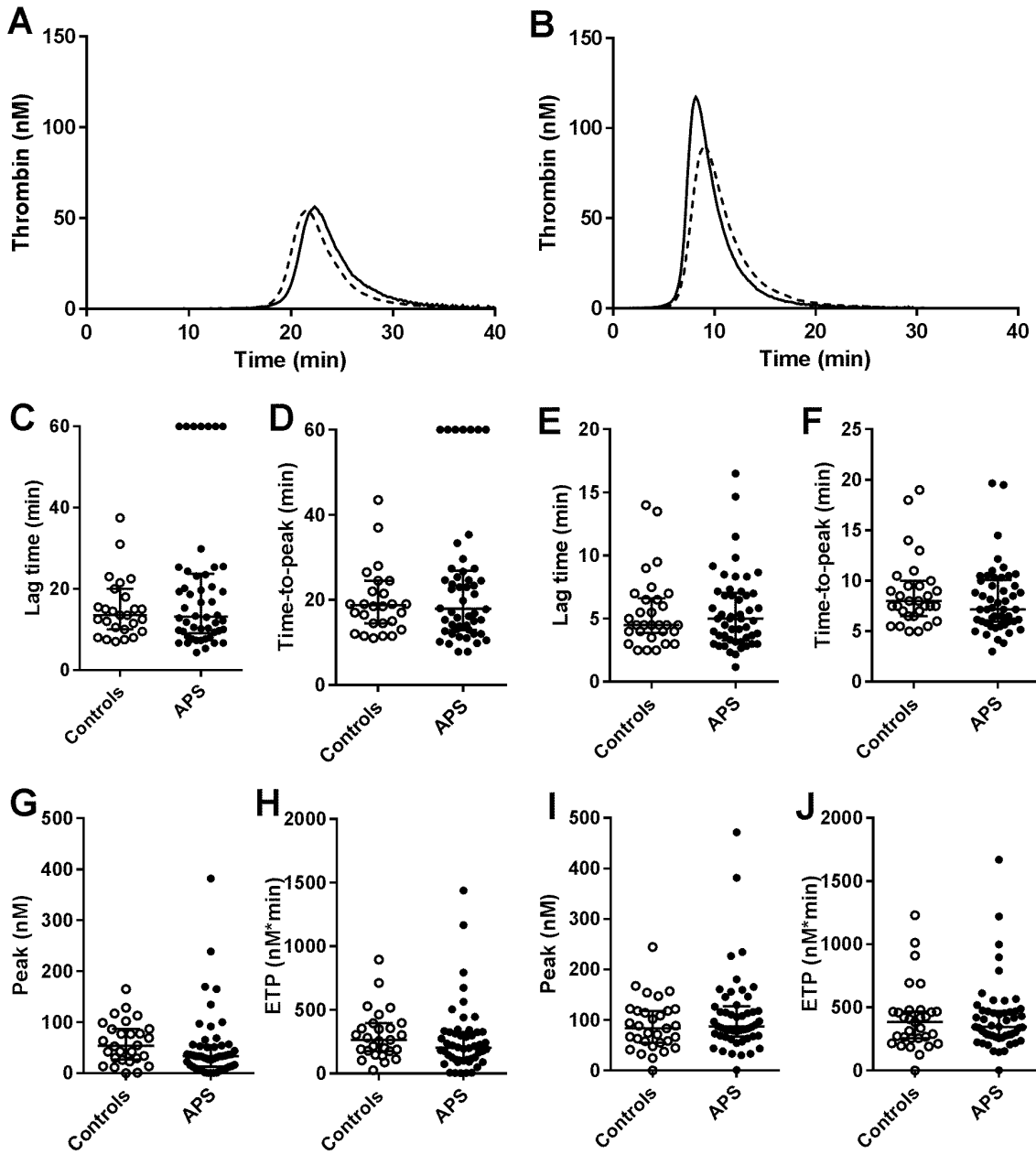


Supplementary table 1: Antibody overview of all patients.

	Primary of secondary APS	Lupus anticoagulant	Anti-cardiolipin antibodies	Anti-cardiolipin isotype	Anti-β2-GPI antibodies	Anti-β2-GPI isotype
Patients without vitamin K antagonists	PAPS	yes	yes	IgG	yes	IgG
	PAPS	yes	yes	IgG	yes	IgG
	PAPS	yes	yes	IgG	yes	IgG+IgM
	PAPS	yes	yes	IgG+IgM	yes	IgG
	PAPS	yes	yes	IgG+IgM	yes	IgG
	SAPS	yes	yes	IgG+IgM	yes	IgG+IgM
	SAPS	yes	yes	IgG+IgM	yes	IgG+IgM
	SAPS	yes	yes	IgG+IgM	yes	IgG+IgM
	PAPS	yes	yes	IgM	yes	IgG+IgM
	SAPS	yes	yes	IgG	no	
	PAPS	yes	yes	IgG	no	
	SAPS	yes	yes	IgG+IgM	no	
	PAPS	yes	yes	IgG+IgM	no	
	PAPS	yes	yes	IgG		
	SAPS	yes	yes	IgG		
	PAPS	yes	yes	IgG+IgM		
	PAPS	yes	no		no	
	PAPS	yes	no		no	
	SAPS	yes	no		no	
	SAPS	yes	no		no	
	SAPS	yes	no		no	
	PAPS	no	yes	IgG	yes	IgG+IgM
	PAPS	no	yes	IgM	yes	IgG+IgM
	PAPS	no	yes	IgM	yes	IgM
	PAPS	no	yes	IgM	yes	IgM
	PAPS	no	yes	IgG	no	
	PAPS	no	yes	IgG	no	
	PAPS	no	yes	IgM	no	
	PAPS	no	yes	IgM	no	
	PAPS	no	yes	IgM	no	
PAPS	no	yes	IgG+IgM			
PAPS	no	yes	IgM			
Patients with vitamin K antagonists	PAPS	yes	yes	IgG	yes	IgG
	SAPS	yes	yes	IgG	yes	IgG
	PAPS	yes	yes	IgG	yes	IgG
	SAPSL	yes	yes	IgG	yes	IgG
	SAPS	yes	yes	IgG	yes	IgG
	SAPS	yes	yes	IgG	yes	IgG+IgM
	PAPS	yes	yes	IgG	yes	IgG+IgM
	PAPS	yes	yes	IgG	yes	IgG+IgM

SAPS	yes	yes	IgG	yes	IgG+IgM
PAPS	yes	yes	IgG	yes	IgG+IgM
SAPS	yes	yes	IgG+IgM	yes	IgG
PAPS	yes	yes	IgG+IgM	yes	IgG
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
SAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
SAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
SAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgG+IgM	yes	IgG+IgM
PAPS	yes	yes	IgM	yes	IgM
PAPS	yes	yes	IgM	yes	IgM
SAPS	yes	yes	IgG	no	
SAPS	yes	yes	IgG	no	
PAPS	yes	yes	IgG	no	
PAPS	yes	yes	IgM	no	
PAPS	yes	yes	IgG		
PAPS	yes	yes	IgG		
PAPS	yes	yes	IgG+IgM		
SAPS	yes	no		no	
PAPS	yes	no		no	
SAPS	yes	no		no	
SAPS	yes	no		no	
PAPS	yes	no		no	
SAPS	yes	no			
PAPS	no	yes	IgG	yes	IgG
SAPS	no	yes	IgG+IgM	yes	IgG+IgM
PAPS	no	yes	IgG	no	
PAPS	no	yes	IgM	no	
PAPS	no	yes	IgM	no	
SAPS	no	yes	IgG		
PAPS	no	yes	IgG		

**Supplementary figure 1:** Thrombin generation in antiphospholipid syndrome patients and controls on vitamin K antagonist therapy. Average thrombin generation curves are shown for controls on VKA therapy (dashed line) and APS patients (continuous line) at 1 (A) and 5 (B) pM TF. Thrombin generation parameters lag time (C+E), time-to-peak (D+F), peak height (G+I) and ETP (H+J) were quantified, respectively for 1 and 5 pM TG curves. No significant differences were detected between the groups using a 2-sided Mann-Whitney test.



**Supplementary figure 2:** Prothrombin conversion in antiphospholipid syndrome patients and controls on vitamin K antagonist therapy. Average prothrombin conversion curves are shown for controls on VKA therapy (dashed line) and APS patients (continuous line) at 1 (A) and 5 (B) pM TF. Prothrombin conversion parameters total amount of prothrombin converted (PCtot; C+E) and maximum rate of prothrombin conversion (PCmax; D+F) were quantified, respectively for 1 and 5 pM TG curves. \*\*\* $p < 0.001$ , \*\* $p < 0.01$  according to a 2-sided Mann-Whitney test.

