

Kinetx: A Combined Flow Cytometry Assay and Analysis Software Framework to Quantitatively Measure and Categorize Platelet Activation in Real-time.

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Materials

Name	Company	Catalog Number	Comments
9,11-Dideoxy-11 α ,9 α -epoxymethanoprostaglandin F2 α - U46619	Sigma-Aldrich, Poole, UK	D8174-1MG	
Accuri C6 flow cytometer with BD C sampler	Beckton Dickinson, UK	660517 + 660519	
Adenosine diphosphate	Sigma-Aldrich, Poole, UK	A2754-1G	
APC-labelled anti-P-selectin (CD62p)	BD Biosciences, UK	550888	
Corning polypropylene 96-well round-bottomed, non-treated microtitre plate	Sigma-Aldrich, Poole, UK	CLS3879-50EA	
Cross-linked collagen related peptide (CRP-XL)	CambCol, UK		
Epinephrine	Sigma-Aldrich, Poole, UK	E4375-1G	
FITC-labelled anti-fibrinogen antibody	Dako, Agilent Technologies, UK	F011102-2	
Fluo-4 Direct dye	Thermo-Fisher Scientific	F10472	
Gel loading tips	Starlab, UK	I1022-0600	
Gly-Pro-Arg-Pro peptide	Sigma-Aldrich, Poole, UK	G1895-5MG	
Thrombin	Sigma-Aldrich, Poole, UK	SRE0003-10KU	
Thrombin receptor activator peptide 6 (TRAP-6)	Bachem, St Helens, UK	H-2936.0005	
Vacurette 9NC coagulation 3.2 % trisodium citrate (0.109 mol/L)	Greiner Bio-one LTD, Stonehouse, UK	454327	