

Document Code:	HAE.F064	Date of Issue:	14/05/2024
Version Number:	1.7		

Light Transmission Aggregometry Platelet Function Study

For first-line investigation of platelet bleeding disorders

Surname	
Forename	
Hospital No or NHS No	
Date of birth	
Sample Number	
First Line investigation?	
Follow Up investigation?	
Family study? (please identify proband)	

Document exposure to any of the following in the last 2 weeks	Date
Aspirin	
'Over the counter' cold relief medication	
Ibuprofen	
Any of the Prescription Medication below (list is not exhaustive)? NSAIDs: Indomethicin, Sulfinpyrazone, Naproxen ADP blocker: Ticlopidine, Clopidogrel, Prasugel GPIIb/IIIa agonists: Reopro, Tirofiban, Eptifibatide, Intelligrin Prostaglandins: Cliostazol Antidepressants: Citalopram, seroxat imipramine, amitripyline	
List all prescription drugs below	
List all vitamin or dietary supplements and herbal remedies in last 10 days eg Starflower oil, Fish oil, Ginko Biloba and Green Tea Vitamins B6, C, E	
Alcohol, caffeine or tobacco in last 24 hours?	

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Sample collection information:

- Please contact Lorna Philpotts, Matthew Roberts or Charlotte Hill on ext 15988 before blood sample is taken. Please report exposure to anti-platelet drugs in patient or control.
- Collect **1 x 'purple top' EDTA sample, followed by 8 x 4.5ml 'blue top' citrate samples**, using a needle gauge between 19 and 21 if appropriate. Use minimal venous stasis. Please discard tubes that are incompletely filled or in which the blood draw has been difficult.
- The specimens may also be suitable for factor and VWF assays etc. Please use a separate request form for any additional tests.

Specimen collection	
Collection date	
Collection time	
Traumatic venepuncture? (YES / NO)	

Control	
Initials	
Gender	
Age	
Expose to anti-platelet agents in last 10 days? (YES / NO)	

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Final report (to be completed by the laboratory):

Time of sample receipt	
Platelet count on patient PRP preparation	
Platelet count on patient EDTA	
Platelet count on control PRP preparation	
Appearance of PPP	Clear / Lipaemic / Haemolysed

Start time of aggregation study	
End time of aggregation study	
Performed by	

Reagents	Lot No	Expiry Date	Result
Saline			
Arachidonic Acid			
Ristocetin			
Collagen			
ADP			
Epinephrine			

Report