



# Product Brochure

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# PLATELET AGGREGATION



Platelet aggregation testing helps to diagnose diseases of platelet dysfunction and distinguish between inherited bleeding problems such as haemophilia or von Willebrand Disease and acquired bleeding problems due to medication or other disease states.

## Reagents for use on Light Transmittance Aggregometers (LTA)

Product Code	Product Name	Pack Size
HB-5502-FG	ADP (0.2mM)	2 x 1ml
HB-5503-FG	Collagen (100ug/ml)	1 x 1ml
HB-5504-FG	Collagen (100ug/ml)	2 x 1ml
HB-5505-FG	Arachidonic Acid (5mg/ml)	1 x 1ml
HB-5506-FG	Arachidonic Acid (5mg/ml)	2 x 1ml
HB-5507-FG	Ristocetin (10mg/ml)	1 x 1ml
HB-5508-FG	Ristocetin (10mg/ml)	2 x 1ml
HB-5509-FG	Ristocetin (15mg/ml) available while stocks last	1 x 1ml
HB-5510-FG	Epinephrine (100uM)	1 x 1ml
HB-5511-FG	Epinephrine (100uM)	2 x 1ml
HB-5512-FG	TRAP-6 (1mM)	1 x 1ml
HB-5533-FG	TRAP-6 (1mM)	2 x 1ml
HB-5513-FG	Aggregation Reagent kit (Primary BJH Panel)	Each
HB-5514-FG	Acetylsalicylic Acid (30mg/ml)	1 x 1ml
HB-5515-FG	Prostaglandin E1 (300nM)	1 x 1ml
HB-5537-FG	GpIIb/IIIa Antagonist	1 x 0.5ml
HB-5545-FG	GpIIb/IIIa Antagonist	2 x 0.5ml
HB-5548-FG	U46619 (100uM)	1 x 1ml

## Reagents for use on Multiple Electrode Aggregometers (MEA)

Product Code	Product Name	Pack Size
HB-5511-FG	Epinephrine (100uM)	2 x 1ml
HB-5512-FG	TRAP-6 (1mM)	1 x 1ml
HB-5533-FG	TRAP-6 (1mM)	2 x 1ml
HB-5513-FG	Aggregation Reagent kit (Primary BJH Panel)	Each
HB-5514-FG	Acetylsalicylic Acid (30mg/ml)	1 x 1ml
HB-5515-FG	Prostaglandin E1 (300nM)	1 x 1ml
HB-5537-FG	GpIIb/IIIa Antagonist	1 x 0.5ml
HB-5545-FG	GpIIb/IIIa Antagonist	2 x 0.5ml
HB-5548-FG	U46619 (100uM)	1 x 1ml



# PLATELET AGGREGATION



## APACT 4004 Platelet Aggregometer (4 Channel)

Product Code	Product Name	Pack Size
HB-5538-FG	Micro-Cuvettes in Dispo System for APACT 4004	5 x 100
HB-5539-FG	RJ45 Crossover Cable (0.5m)	Each
HB-5540-FG	Printer for APACT 4004	Each
HB-5541-FG	MMC(2GB) memory card for APACT 4004	Each
HB-5542-FG	LPC Software for APACT 4004	Each
HB-5543-FG	APACT 4004 (Beige/Silver, inc. accessories)	Each



## T-TAS Total Thrombus Formation Analysis System

Product Code	Product Name	Pack Size
HB-5511-FG	Epinephrine (100uM)	2 x 1ml
HB-5512-FG	TRAP-6 (1mM)	1 x 1ml
HB-5533-FG	TRAP-6 (1mM)	2 x 1ml
HB-5513-FG	Aggregation Reagent kit (Primary BJH Panel)	Each
HB-5514-FG	Acetylsalicylic Acid (30mg/ml)	1 x 1ml
HB-5515-FG	Prostaglandin E1 (300nM)	1 x 1ml
HB-5537-FG	GpIIb/IIIa Antagonist	1 x 0.5ml
HB-5545-FG	GpIIb/IIIa Antagonist	2 x 0.5ml
HB-5548-FG	U46619 (100uM)	1 x 1ml



## Ristocetin CoFactor Assay (RiCoF)

Product Code	Product Name	Pack Size
HB-5516-FG	Ristocetin Cofactor Assay Kit	80 Tests
HB-5520-FG	Lyophilised Platelets Kit	5 x 6ml
HB-5534-FG	Tris Buffered Saline	1 x 100ml

# COAGULATION REAGENTS



Coagulation controls are plasma products that contain a known quantity of heparin and fibrinogen for use as a control during coagulation tests in clinical settings. Provide accurate, reproducible confirmation of coagulation test system performance. Oral anticoagulant treatment requires frequent and reliable PT testing to maintain the blood coagulation level within target limits. These are referred to in WHO terms as international normalised ratios (INR).

The Hart Biologicals Fiix™ Test Kit\* is a modified Thromboplastin reagent for use in the in vitro control of patient anticoagulant therapy by venous blood Fiix™ Prothrombin times. The Fiix™ Test Kit is sensitive to the concentration of the clotting Factors II and X in the test sample.



**ULTRASENSE PT** is a stable liquid Recombinant Thromboplastin with an ISI value of approximately 1.0. The value is used to calculate an International Normalised Ratio (INR) in conjunction with the Mean Normal Prothrombin Time (MNPT).

## ULTRASENSE Reagents for Routine Coagulation

Product Number	Product Name	Pack Size
HB-2200-FG	Ultrasense PT Reagent	10 x 4ml
HB-2201-FG	Calcium Chloride Solution (25mM)	10 x 4ml
HB-2203-FG	Ultrasense APTT EA Reagent	10 x 4ml
HB-2211-FG	Thrombin(100NIH/ml) (available while stocks last)	5 x 1ml
HB-0346-SA	Imidazole Buffer	1 x 25ml
HB-2221-FG	UltrasenseTCT Reagent	10x2ml
HB-2222-FG	Ultrasense Clauss Fibrinogen Assay Kit	125 Tests
HB-4952-FG	The Fiix™ Test Kit	Each

# COAGULATION REAGENTS



HartBio's capillary PT Test control plasmas are lyophilised human plasma controls designed for use with the Manchester Capillary Reagent. Three levels of control are provided; INR 0.9-1.2, INR 2.0-3.0 and INR 3.0-4.0 to ensure complete control of the therapeutic range for anticoagulant therapy. They are calibrated using current international reference thromboplastins and are suitable for use by manual tilt-tube or on mechanical instruments e.g. Thrombi-stat MC1.

## Routine control plasmas

Product Code	Product Name	Pack Size
HB-4416-FG	Vericon 1 Control Plasma - Normal	10 x 1ml
HB-4417-FG	Vericon 2 Control Plasma - Abnormal	10 x 1ml
HB-4418-FG	Vericon 3 Control Plasma - Abnormal	10 x 1ml

## Reference plasmas and controls

Product Code	Product Name	Pack Size
HB-4407-FG	Normal Standard Plasma	10 x 1ml
HB-4408-FG	Normal Assay Control	10 x 1ml
HB-4409-FG	Abnormal Assay Control	10 x 1ml

## Speciality control plasmas

Product Code	Product Name	Pack Size
HB-4427-FG	LA-Con 1 available while stocks last	10 x 0.5ml
HB-4428-FG	LA-Con 2 available while stocks last	10 x 0.5ml
HB-4441-FG	APC-Con 1 available while stocks last	10 x 0.5ml

## Factor deficient plasmas

Product Number	Product Name	Pack Size
HB-3301-FG	Factor II Deficient Plasma	5 x 1ml
HB-3302-FG	Factor V Deficient Plasma	5 x 1ml
HB-3303-FG	Factor VII Deficient Plasma	5 x 1ml
HB-3307-FG	Factor X Deficient Plasma	5 x 1ml
HB-3304-FG	Factor VIII Immune Depleted Plasma	5 x 1ml
HB-3305-FG	Factor VIII Artificially Depleted Plasma (with vWF)	5 x 1ml
HB-3306-FG	Factor IX Deficient Plasma	5 x 1ml
HB-3308-FG	Factor XI Deficient Plasma	5 x 1ml



# CAPILLARY INR - MANCHESTER CAPILLARY REAGENT



The Manchester Capillary Reagent is a combined thromboplastin reagent for use in the in vitro control of patient anticoagulant therapy by finger prick or venous blood prothrombin times (PT). The reagent is a combination of rabbit brain thromboplastin and processed ovine plasma. The processed ovine plasma acts as a source of Factor V and fibrinogen.

The reagent is supplied lyophilised and is re-calcified before use by the addition of a diluent containing calcium chloride. The method is responsive to depletion of the vitamin K dependent clotting factors II, VII and X. Mixing blood or plasma with the reagent results, ultimately, in the formation of a clot. The time taken for the clot to form is measured and used to determine the anticoagulant status of the patient.

Freshly collected whole blood or plasma is mixed with pre-warmed Manchester Capillary Reagent. The time taken for clot formation can be measured by mechanical, photo-optical or manual (visual) methods.

## Manchester Capillary Reagents for Capillary INR Determination

Product Number	Product Name	Pack Size
HB-1101-FG	Manchester Capillary Reagent Prothrombin Time Test Kit	5x6ml
HB-1190-FG	Manchester Capillary Reagent Prothrombin Time Test Kit	5x3ml
HB-1133-FG	Manchester Capillary Reagent Prothrombin Time Test Kit	5x1.5ml
HB-4411-FG	Capillary Precision Control Plasma - Normal	10x0.5ml
HB-4412-FG	Capillary Precision Control Plasma - Level 1	10x0.5ml
HB-4413-FG	Capillary Precision Control Plasma - Level 2	10x0.5ml
HB-4452-FG	Poller Calibrants® PT/INR Line Plasma Set	Each



# CAPILLARY INR REAGENTS



## Capillary INR Reagents

Product Number	Product Name	Pack Size
HB-1119-FG	Thrombi-Stat MC1WB Macro Single Channel Coagulometer (Blue/Beige)	Each
HB-1121-FG	Thrombi-Stat MC4 Macro 4 Channel Coagulometer (Grey/Beige)	Each
HB-1123-FG	Cuvettes and Balls - Macro	1 x 1000
HB-1107-FG	ActiLance Lancets Universal (BLUE)	1 x 200
HB-1109-FG	Thrombi-Pette 25ul volume	Each
HB-1110-FG	Thrombi-Pette 125ul volume	Each
HB-1111-FG	Pipette 5-50ul	Each
HB-1112-FG	Pipette 20-200ul	Each
HB-1113-FG	Single Channel Pipette, 25ul fixed volume	Each
HB-1114-FG	100-1000ul Pipette, single channel	Each
HB-1172-FG	Yellow Pipette Tips (200ul)	1 x 96
HB-1116-FG	Yellow Pipette Tips (200ul)	1 x 1000
HB-1127-FG	HandHeld Dispenser	Each
HB-1129-FG	HandHeld Dispenser Tips - 1.25ml	1 x 100
HB-1140-FG	Blue Pipette Tips (1000ul)	1 x 1000
HB-1141-FG	Haemolance Lancets Max Flow (PURPLE)	1 x 150
HB-1142-FG	RAID Software and Licence (1 user) for MC Instruments	Each
HB-1145-FG	CD Backup of Raid Software	Each
HB-1169-FG	HaemolanceLancets Normal Flow (GREEN)	1 x 200
HB-1170-FG	HaemolanceLancets High Flow (YELLOW)	1 x 200
HB-1185-FG	ActilanceLancets Special (Yellow)	1 x 200



# Get in touch!

We respond quickly to the needs of our customers and partners and dedicate our expert teams to the success of their projects.

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