

Parameter	Test Name	Method	Analysis & Calculated Parameters	Required Plasma Volume, μL	Reagents (μL consumption per test)
Prothrombin Time	PT	Coagulation	Analysis: sec. Calc. param.: PT ratio, INR	50	Thromborel S (100)
Activated Partial Thromboplastin Time	APTT	Coagulation	Analysis: sec.	50	Actin FS (50) CaCl ₂ (50)
Fibrinogen	Fbg	Coagulation	Analysis: sec. Calc. param.: mg/dL	10	Multifibren U (50) Owren's Buffer (90)
Thrombin Time	TT	Coagulation	Analysis: sec.	50	Test Thrombin (50)
Protein C coagulometric	PCcl	Coagulation	Analysis: sec. Calc. param.: %	5	PC Deficient Plasma (45) PC Activator (50) PC APTT reagent (50) CaCl ₂ (50)
Batroxobin	BXT	Coagulation	Analysis: sec.	50	BXT reagent (100)
Factor Assay	II, V, VII, VIII, IX, X, XI, XII	Coagulation	Analysis: sec. Calc. param.: %	5	#
Antithrombin III	AT3	Chromogenic	Analysis: $\Delta\text{OD}/\text{min}$. Calc. param.: %	10	Innovance AT (125) Substrate (33) Owren's Buffer (83)
$\alpha 2$ -Antiplasmin #	APL	Chromogenic	Analysis: $\Delta\text{OD}/\text{min}$. Calc. param.: %	16	Antiplasmin reagent (125) Substrate (25) Owren's Buffer (112)
Plasminogen #	Plg	Chromogenic	Analysis: $\Delta\text{OD}/\text{min}$. Calc. param.: %	16	Streptokinase reagent (125) Substrate (25) Owren's Buffer (112)
Protein C chromogenic	BCPC	Chromogenic	Analysis: $\Delta\text{OD}/\text{min}$. Calc. param.: %	20	PC Activator (125) Substrate (30)
Heparin	Hep	Chromogenic	Analysis: $\Delta\text{OD}/\text{min}$. Calc. param.: IU/mL	20	AT3 reagent (20) Fxa Reagent (125) Substrate (40)
D-Dimer #	DD	Immunoassay	Analysis: ΔOD Calc. param.: $\mu\text{g}/\text{L}$	50	Accelerator (25) Latex reagent (125)
P-FDP #	PFDP	Immunoassay	Analysis: ΔOD Calc. param.: $\mu\text{g}/\text{mL}$	16	Reagent (66) Latex (94) Diluents (112)
					Distilled water (Max. 24 mL per test)
					CA CLEAN I (10 μL more than required reagent volume)

Notes:

1. Requests for parameters above must be given in advance as reagents might be needed to be ordered.
2. # Some tests are not available or only available for use in the USA/Asia. Contact us for more information.
3. Please allow 20 μL of dead volume for each sample tube.

SAMPLING GUIDELINES AND INFORMATION

1. Collect blood in tubes containing 3.2 or 3.8% Sodium Citrate.
2. NOTE! The ratio of 1 part citrate to 9 parts blood is CRUCIAL for valid results and must be followed during sample collection.
3. Centrifuge the blood at 3000 xg for 15 minutes. Transfer the plasma to an Eppendorf tube.
4. Redraw blood if there are clot fragments in the plasma or it's hemolyzed.
5. Terminal and survival blood may be analyzed. However, obtaining blood by survival methods such as via the saphenous or tail veins yields low volumes and can expose the blood to activating factors.
6. Refrigerate plasma for same-day shipment or store frozen for up to 2 weeks.