

Coagulation Reference and Therapeutic Ranges

ACL Top 50 Series (All Labs EXCEPT WYMC)

Parameter	Reference Range	Therapeutic Range/Target
Prothrombin Time	9.4-12.5 seconds	
INR	0.9-1.1	The target INR is 2.5 for most conditions, including atrial fibrillation and venous thromboembolism. Higher INR values are recommended in patients with mechanical heart valves. For precise calculations of warfarin dosing refer to WarfarinDosing.org
APTT	24.0-36.5 seconds	
Fibrinogen	200-465 mg/dL	
D-Dimer, quantitative	≤ 500 ng/mL FEU	
UF Heparin	< 0.04 IU/mL	0.30-0.70 IU/mL
LMW Heparin	< 0.04 IU/mL	0.60-1.00 IU/mL
Antithrombin III	83-128%	

Stago (WYMC Only)

Parameter	Reference Range	Therapeutic Range/Target
Prothrombin Time	12.1-15.1 seconds	
INR	0.85-1.15	The target INR is 2.5 for most conditions, including atrial fibrillation and venous thromboembolism. Higher INR values are recommended in patients with mechanical heart valves. For precise calculations of warfarin dosing refer to WarfarinDosing.org
APTT	24.5-37.1 seconds	
Fibrinogen	200-436 mg/dL	
D-Dimer, quantitative	≤ 0.49 ug/mL FEU	
UF Heparin	< 0.11 IU/mL	0.30-0.70 IU/mL
LMW Heparin	< 0.11 IU/mL	0.60-1.00 IU/mL

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Test	Reference Range
Aspirin Resistance Platelet Function Test (APFT)	≥ 550 ARU: Platelet dysfunction consistent with aspirin has not been detected.
	< 550 ARU: Platelet dysfunction consistent with aspirin has been detected.
Plavix Platelet Function Test (P2Y12)	Off drug: 180-376 PRU Values less than 180 PRU suggest evidence of a P2Y12 inhibitor effect.