

<b>Reference Intervals for Coagulation Tests in the Healthy Full-term Infant the First Six Months of Life</b>						
Andrew M, et al. Development of the hemostatic system in the neonate and young infant. Am J Pediatr Hematol Oncol 1990;12:95-104						
	Day 1	Day 5	Day 30	Day 90	Day 180	Adult
<b>Screening Tests</b>						
PT (Sec)	10.1 – 15.9	10.0 – 15.3	10.0 – 14.3	10.0 – 14.2	10.7 – 13.9	10.8 – 13.9
PT (INR)	0.53 – 1.62	0.53 – 1.48	0.53 – 1.26	0.53 – 1.26	0.61 – 1.17	0.64 – 1.17
PTT (Sec)	31.3 – 54.3	25.4 – 59.8	32.0 – 55.2	29.0 – 50.1	28.1 – 42.9	26.6 – 40.3
TCT (Sec)	19.0 – 28.3	18.0 – 29.2	19.4 – 29.2	20.5 – 29.7	19.8 – 31.2	19.7 – 30.3
<b>Factor Assays</b>						
Fibrinogen (mg/dL)	167 – 399	162 – 462	162 – 378	150 – 379	150 – 387	156 – 400
II (%)	26 – 70	33 – 93	34 – 102	45 – 105	60 – 116	70 – 146
V (%)	34 – 108	45 – 145	62 – 134	48 – 132	55 – 127	62 – 150
VII (%)	28 – 104	35 – 143	42 – 138	39 – 143	47 – 127	67 – 143
VIII (%)	50 – 178	50 – 154	50 – 157	50 – 125	50 – 109	50 – 149
vWF (%)	50 – 287	50 – 254	50 – 246	50 – 206	50 – 197	50 – 158
IX (%)	15 – 91	15 – 91	21 – 81	21 – 113	36 – 136	55 – 163
X (%)	12 – 68	19 – 79	31 – 87	35 – 107	38 – 118	70 – 152
XI (%)	10 – 66	23 – 87	27 – 79	41 – 97	49 – 134	67 – 127
XII (%)	13 – 93	11 – 83	17 – 81	25 – 109	39 – 115	52 – 164
PK (Fletcher, %)	18 – 69	20 – 76	23 – 91	41 – 105	56 – 116	62 – 162
HMWK (Fitzgerald, %)	6 – 102	16 – 132	33 – 121	30 – 146	36 – 128	50 – 136
XIIIa (%)	27 – 131	44 – 144	39 – 147	36 – 172	46 – 162	55 – 155
XIIIb (%)	30 – 122	32 – 180	39 – 173	48 – 184	20 – 170	57 – 137
<b>Control Proteins</b>						
Antithrombin (%)	39 – 87	41 – 93	48 – 108	73 – 121	84 – 124	79 – 131
Alpha <sub>2</sub> macroglobulin (%)	95 – 183	98 – 198	106 – 194	126 – 226	149 – 233	52 – 120
C <sub>1</sub> Inhibitor (%)	36 – 108	60 – 120	47 – 131	71 – 159	89 – 193	71 – 131
Alpha <sub>1</sub> antitrypsin (%)	49 – 137	49 – 129	36 – 88	42 – 102	47 – 107	55 – 131
Heparin Cofactor II (%)	10 – 93	0 – 96	10 – 87	10 – 146	50 – 190	66 – 126
Protein C (%)	17 – 53	20 – 64	21 – 65	28 – 80	37 – 81	64 – 128
Protein S (%)	12 – 60	22 – 78	33 – 93	54 – 118	55 – 119	60 – 124
<b>Fibrinolytic Proteins</b>						
Plasminogen (%)	125 – 265	141 – 293	126 – 270	174 – 322	221 – 381	248 – 424
Tissue Plasminogen Activator (ng/mL)	5.0 – 18.9	4.0 – 10.0	1.0 – 6.0	1.0 – 5.0	1.0 – 6.0	1.4 – 8.4
Alpha <sub>2</sub> antiplasmin (%)	55 – 115	70 – 130	76 – 124	76 – 140	83 – 139	68 – 136
Plasminogen Activator Inhibitor <sub>1</sub> (%)	20 – 151	0 – 81	0 – 88	10 – 153	60 – 130	0 – 110
* These are the M. Andrew reference intervals. For UAB normals, see Reference Intervals for UAB Adults						