LEGACY HEALTH | LEGACY LABORATORY SERVICES

Pediatric Coagulation Reference Ranges

	PT (sec)	PT-INR	APTT (sec)	FIB mg/dL	TT (sec)	AT III U/mL	Protein C U/mL	FVIII U/mL	vWF U/mL
Fetus Gestation: 19-27 wks	NA	NA	NA	57-143	NA	0.21-0.27 (21-27%)	0.080-.14 (8-14%)	0.25-0.53 (25-53%)	0.51-0.77 (51-77%)
Infant Gestation: 28-31 wks	14.6-16.9	NA	80-168	160-550	NA	0.20-0.38 (20-38%)	NA	0.37-1.26 (37-126%)	0.83-2.23 (83-223%)
Infant Gestation: 30-36 wks (n=137)									
Day 1	10.6-16.2	NA	27.5-79.4	150-373	19.2-30.4	0.14-0.62 (14-62%)	0.12-0.44 (12-44%)	0.50-2.13 (50-213%)	0.78-2.10 (78-210%)
Day 5	10.0-15.3	NA	26.9-74.1	160-418	18.8-29.4	0.30-0.82 (30-82%)	0.11-0.51 (11-51%)	0.53-2.05 (53-205%)	0.72-2.19 (72-219%)
Day 30	10.0-13.6	NA	26.9-62.5	150-414	18.8-29.9	0.37-0.81 (37-81%)	0.15-0.59 (15-59%)	0.50-1.99 (50-199%)	0.66-2.16 (66-216%)
Day 90	10.0-14.6	NA	28.3-50.7	150-352	19.4-30.8	0.45-1.21 (45-121%)	0.23-0.67 (23-67%)	0.58-1.88 (58-188%)	0.75-1.84 (75-184%)
Day 180	10.0-15.0	NA	27.1-53.3	150-360	18.9-31.5	0.52-1.28 (52-128%)	0.31-0.83 (31-83%)	0.50-1.87 (50-187%)	0.54-1.58 (54-158%)
Infant Gestation: Full term									
Day 1 (n = 40-61)	10.1-15.9	NA	31.3-54.5	167-399	19.0-28.3	0.39-0.87 (39-87%)	0.17-0.53 (17-53%)	0.50-1.78 (50-178%)	0.50-2.87 (50-287%)
Day 5 (n = 43-77)	10.0-15.3	NA	25.4-59.8	162-462	18.0-29.2	0.41-0.93 (41-93%)	0.20-0.64 (20-64%)	0.50-1.54 (50-154%)	0.50-2.54 (50-254%)
Day 30 (n = 40-67	10.0-14.3	NA	32.0-55.2	162-378	19.4-29.2	0.48-1.08 (48-108%)	0.21-0.65 (21-65%)	0.50-1.57 (50-157%)	0.50-2.46 (50-246%)
Day 90 (n = 40-62)	10.0-14.2	NA	29.0-50.1	150-379	20.5-29.7	0.73-1.21 (73-121%)	0.280-.80 (28-80%)	0.50-1.25 (50-125%)	0.50-2.06 (50-206%)
Day 180 (n = 41-60)	10.7-13.9	NA	28.1-42.9	150-387	19.8-31.2	0.84-1.24 (84-124%)	0.37-0.81 (37-81%)	0.50-1.09 (50-109%)	0.50-1.97 (50-197%)

( ) Expresses U/ml as a percent of normal activity

NA = Not Available

NOTE: The pediatric reference ranges are published ranges. They should be interpreted as approximate rather than absolute values. Different instrument and reagent systems, as well as methodologies, were utilized in the establishment of these ranges. The ranges were derived from the following citation:

Andrew, Maureen, M.D., Paes, B., M.D., and Johnston, A.R.T.: Development of the Hemostatic System in the Neonate and Young Infant. The American Journal of Pediatric Hematology/Oncology 12(1): 97-99, 1990.

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