

Laboratory variable	Non sickle Population Normal range	Sickle Population Categories	Percentiles	
AST(SGOT)	male	5--40	1 less than 40	50% of SCA popu  2% population
	females	5--33	2 between 40 and 100	
			3 above 100	
ALT(SGPT)	male	7--46	1 less than 36	
	females	4--35	2 36--100	
			3 above 100	
BUN2crea		10--20	-1 below 10	25% of sca populatio about 50% 25%
			0 10--20	
			1 above 20	
Bilirubin		0-1.3	1 below 1.3	25% 50% 25%
			2 1.3-3.4	
			3 >3.4	
HBG	infant	14-20	-1 below 8	about 25% about 50%
	ad-fem	12-16	0 8--12	
	ad-male	14-18	1 above 12	
LDH		300-600	-1 below 300	25% about 55% about 20%
			0 300-600	
			1 >600	
WBC		3.8-10.8	0 <10.8	about 50% about 75%
			1 10.8-13.5	
			2 >13.5	
Plates		130-400	0 <400	about 50% about 75%
			1 400-490	
			2 >490	
MCV		80-100	-1 <80	about 25% about 65% about 10%
			0 80-98	
			1 >98	
Retic			-1 <4.8	25% 50% 25%
			0 4.8-13	
			1 >13	
HBF.P			-1 <2	25% 50% 25%
			0 2-9	
			1 >9	
Sys.BP			-1 < 80	age ≤ 18
			0 80-120	
			1 120-140	
			2 > 140	
			-1 < 80	>18
			0 80-140	
		1 140-160		
		2 > 160		