

Pediatric Weight Chart for Blood Collection

PATIENT'S WEIGHT		Maximum <u>mL</u> amount to be drawn in 24 hours	Maximum <u>mL</u> amount to be drawn in 30 days
Kg (Kilograms)	lbs. (pounds)	2.5% of total blood volume	5% of total blood volume
1	2.2	2.5	6
2	4.4	5	10
3	6.6	6	12
4	8.8	8	15
5	11	10	20
6	13.2	12	24
7	15.4	14	28
8	17.8	16	32
9	19.8	18	36
10	22	20	40
11 thru 15	24 thru 33	22-30	44-60
16 thru 20	35 thru 44	32-40	64-80
21 thru 25	46 thru 55	42-50	84-100
26 thru 30	57 thru 66	52-60	104-120
31 thru 35	68 thru 77	62-70	124-140
36 thru 40	79 thru 88	72-80	144-160
41 thru 45	90 thru 99	82-90	164-180
46 thru 50	101 thru 110	92-100	184-200
51 thru 55	112 thru 121	102-110	204-220
56 thru 60	123 thru 132	112-120	224-240
61 thru 65	134 thru 143	122-130	244-260
66 thru 70	145 thru 154	132-140	264-280
71 thru 75	156 thru 165	142-150	284-300
76 thru 80	167 thru 176	152-160	304-350
81 thru 85	178 thru 187	162-170	324-340
86 thru 90	189 thru 198	172-180	344-360
91 thru 95	200 thru 209	182-190	364-380
96 thru 100	211 thru 220	192-200	384-400

Based on blood volume of:

1 to 2 kg	100 mL/kg	(pre-term infant)
>2 kg	80 mL/kg	(term infant - adult)

1. 3ml/kg/day maximum recommended blood draw volume.
2. Please consider returning waste from line draw when maximum will be exceeded.
3. Physician approval is required if maximum volume is to be exceeded for a 1 time draw.

This information is similar to that used by the Children's Hospital in Los Angeles, Baylor College of Medicine in Dallas, TX and Seattle Children's Hospital Laboratory, Seattle, WA