

Category:	Children's Health System of Texas Clinical Departmental and Hospital Policies Clinical Practice Policies	Effective Date:	06/26/2024
Title:	CP 2.11 Blood Specimen Collection - Excluding Blood Cultures/Gases	Page	16 of 17

Attachment B

BLOOD SAMPLING VOLUME

One result of improved laboratory testing (e.g., new instrumentation, collection techniques) is smaller volumes of blood required to achieve valid test results.

Often a large number of tests are ordered on a baby/child. The volume of blood indicated for collection on the CareFusion label or requisition/flimsy is the volume required for valid test results. No repeats/dilutions can be done on minimum volumes. Work with provider to see if some labs can be collected on a later day.

PATIENT WEIGHT	MAXIMUM VOLUME PER 24 HOURS
Kilograms	Milliliters
<0.9	3
0.9-1.8	4.5
1.9-2.7	6
2.8-3.6	7.5
3.7-4.5	10.5
4.6-6.8	15
6.9-9.1	30
9.2-11.4	30
11.5-13.6	30
13.7-15.9	30
16.0-18.2	30
18.3-20.5	60
20.6-22.7	60
22.8-25.0	60
25.1-27.3	60
27.4-29.5	75
29.6-31.8	90
31.9-34.1	90
34.2-36.4	90
36.5-38.6	90
38.7-40.9	90
41.0-43.2	90
43.3-45.5	90

*National Institute of Health Guidelines for Blood Drawn for Research Purposes in the Clinical Center 2003
Approved by James Clark, MD, Clinical Pathologist, September 11, 2007.*