



E-FIGURE 51-2 Single unit of fresh-frozen plasma (FFP). Plasma units, collected from donors by phlebotomy or apheresis instrumentation, contain a total volume of about 200 to 250 mL. FFP possesses all elements found in peripheral blood plasma, including coagulation factors, albumin, complement, and immunoglobulins, although they are primarily administered for coagulation factor defects. FFP is stored in the frozen state (shown) at less than -18°C and must be thawed before issuing and administration. The shelf life while frozen is 1 year.

E-TABLE 51-3 FACTOR REPLACEMENT GUIDELINES FOR HEMOPHILIA A AND B

INJURY	FACTOR VIII INITIAL DOSE (U/kg)*	FACTOR IX INITIAL DOSE (U/kg) [†]
Dental prophylaxis	15-25	20-30
Hemarthrosis	15-25	30-50
Muscle hematoma	15-25	30-50
Trauma or surgery	50	100

*Dosing intervals should be based on a Factor VIII half-life of about 12 hours. Maintenance doses of one half the listed dose may be additionally provided at these intervals.

[†]Dosing intervals should be based on a Factor IX half-life of about 18 to 24 hours. Maintenance doses of one half the listed dose may be additionally provided at these intervals.