

### Fresh Frozen Plasma (FFP), apheresis

Fresh frozen plasma, apheresis is a plasma component obtained by apheresis of single donor using automated cell-separation equipment.

#### Preparation

The FFP is prepared by freezing plasma at or below - 30° within 1 hour of preparation and this method of freezing is called as Blast/Rapid/Snap, as in this method plasma undergoes rapid freezing and that is how most of the labile proteins are preserved. Once frozen, this plasma can be stored below -20° for 1 year from the date of preparation.

#### Quality Control Parameters

Parameter	Specification	Frequency of test
Volume	Not more than 500 ml per procedure	1 per cent of all units or 4 units per month (whichever is more)
Total Protein	Greater than 50g/L	1 per cent of all units
Factor VIII:C	Greater than 0.70 IU/ml	1 per cent of all units or 4 units per month (whichever is more)
Fibrinogen	200-400 mg	1 per cent of all units or 4 units per month (whichever is more)
Residual cells	Red cells less than $6.0 \times 10^9/L$	1 per cent of all units or 4 units per month (whichever is more)

General requirements shall be referred regarding labeling, storage, and transportation requirements.