



March 16, 2022

To: Directors of Clinical Laboratories
Directors of Transfusion Services

Subject: **Plasma Frozen Within 24 Hours After Phlebotomy (PF24)**

LifeSouth has provided PF24 since 2007, and we have seen no reported effects on patient outcomes since implementation. LifeSouth has now added Apheresis PF24 to the list of components we provide.

Studies comparing coagulation factor activities between FFP and PF24 have established that PF24’s coagulation factor activity is substantially the same as that of FFP. Plasma proteins such as albumin; ADAMTS13; fibrinogen; and Factors II, VII, IX, X, and XI remain in levels similar to FFP. Levels of Factor VIII and Protein C are reduced, and levels of Factor V and other labile plasma proteins are variable compared with FFP. Though present, the slightly decreased activity of Factor VIII in PF24 is typically still within the physiologically normal range of human plasma. Clinical experience suggests that PF24 is equivalent to FFP in its efficacy to treat the wide range of conditions requiring replacement of coagulation factors.

Product Codes

The following table includes the ISBT product codes currently assigned to PF24 products and their corresponding thawed products. Your computer system should be able to accept all these products. The highlighted codes are new.

PF24		Thawed PF24 (24-hour expiration)		Thawed Plasma (5-day expiration)	
Code	ISBT 128 Description	Code	ISBT 128 Description	Code	ISBT 128 Description
E1624	Apheresis PLASMA ACD-A/XX/<=-18C Frozen <=24h	E2284	Thawed Apheresis PLASMA ACD-A/XX/refg Frozen <=24h	E2121	Thawed Apheresis PLASMA ACD-A/XX/refg
E7637	Apheresis PLASMA ACD-A/XX/<=-18C Frozen <=24h 1st container	E7759	Thawed Apheresis PLASMA ACD-A/XX/refg Frozen <=24h 1st container	E5548	Thawed Apheresis PLASMA ACD-A/XX/refg 1st container
E7639	Apheresis PLASMA ACD-A/XX/<=-18C Frozen <=24h 2nd container	E7760	Thawed Apheresis PLASMA ACD-A/XX/refg Frozen <=24h 2nd container	E5549	Thawed Apheresis PLASMA ACD-A/XX/refg 2nd container
E7641	Apheresis PLASMA ACD-A/XX/<=-18C Frozen <=24h 3rd container	E7761	Thawed Apheresis PLASMA ACD-A/XX/refg Frozen <=24h 3rd container	E5550	Thawed Apheresis PLASMA ACD-A/XX/refg 3rd container
E7643	Apheresis PLASMA ACD-A/XX/<=-18C Frozen <=24h 4th container	E7762	Thawed Apheresis PLASMA ACD-A/XX/refg Frozen <=24h 4th container	E6393	Thawed Apheresis PLASMA ACD-A/XX/refg 4th container

PF24		Thawed PF24 (24-hour expiration)		Thawed Plasma (5-day expiration)	
Code	ISBT 128 Description	Code	ISBT 128 Description	Code	ISBT 128 Description
E2555	PLASMA CPD/XX/<=-18C Frozen <=24h	E2701	Thawed PLASMA CPD/XX/refg Frozen <=24h	E2684	Thawed PLASMA CPD/XX/refg
E2587	PLASMA CPDA-1/XX/<=18C Frozen <=24h	E2719	Thawed PLASMA CPDA-1/XX/refg Frozen <=24h	E2702	Thawed PLASMA CPDA-1/XX/refg
E2619	PLASMA CP2D/XX/<=-18C Frozen <=24h	E2737	Thawed PLASMA CP2D/XX/refg Frozen <=24h	E2720	Thawed PLASMA CP2D/XX/refg

If you have any questions, please contact Dr. Chris Lough, Vice President of Medical Services, at 352-224-1644 or cmlough@lifesouth.org.