Blood Plasma Freeze Dryer
Green B
Blood is a valuable resource

- Saves Lives
- Integral Component of Health System
- Transfusions High in Blood Plasma Reduce Mortality
Freeze Drying Eliminates the Cold Chain
Blood Extracted
Plasma Separated
Cold Freezing
Thaw
Inject
Freeze Drying Eliminates the Cold Chain
Plasma Separated
Freeze-Drying
Storage
Hydrate
Freeze Drying Eliminates the Cold Chain
Control of Sublimation is Key

Freeze
Vacuum
Sublimate
No Other Products Freeze Dry Blood Plasma

Patent on Freeze Drying Container  Kirsh Blood Plasma Freezer  Domestic Blood Plasma Freezer
Controlling Sublimation Process is a Lingering Question

- Strong Vacuum
- Additional Energy to Sublime
- Why Not Evaporate?