



19 April 2022

To whom it may concern:

All of the procedures used by American Red Cross Biomedical Services (ARCBS) for shipping products to our customers are supported by qualification studies in compliance with FDA and AABB regulations. Each qualification is specific to the product load, product temperature requirements, box model, and shipping duration.

Customers may audit these files in person at an ARCBS facility working directly with the Biomedical Headquarters Equipment and Materials Quality group (BHQ-EMO). It is important that the request be made each time a file is viewed as packing configurations and supporting qualifications may change over time.

The table below reflects the products most commonly shipped by ARCBS, as well as the temperature ranges, transit durations, and boxes for each product that are supported by qualified packing configurations.

Product	Temp Range	Box and Duration
Red Blood Cells	1-10°C	E54 up to 24 hours E120 up to 24 hours E120 up to 48 hours
Red Blood Cells	≤-65°C	E120 up to 48 hours
Plasma	<-18°C	E54 up to 24 hours E120 up to 24 hours E120 up to 48 hours
Cryoprecipitate	<-20°C	E54 up to 24 hours E120 up to 24 hours E120 up to 48 hours
Platelets Granulocytes	20-24°C <sup>1</sup>	E38XW up to 24 hours
Sample Tubes	2 to <25°C	E120/Payload box up to 48 hours

Packing configurations used for shipments of specialty products not listed are also fully qualified, as are packing configurations used for transport of blood product collections to manufacturing sites.

Contact for related questions:

- Jason Vaupel – [jason.vaupel@redcross.org](mailto:jason.vaupel@redcross.org)
- Trish Crabtree – [trishcrabtree@redcross.org](mailto:trishcrabtree@redcross.org)

<sup>1</sup> “as close to as possible”