



10 March 2025

To whom it may concern:

All packing configurations used by American Red Cross Biomedical Services (ARCBS) for shipping and transporting products 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 as detailed in the corresponding packing procedures.

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

Packing configurations used for shipments of specialty products not listed are also fully qualified.

Red Cross guarantees that a shipment that is packed according to all relevant Red Cross procedures will maintain the corresponding required temperatures.

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 ¹	E38XW up to 24 hours
Sample Tubes	2 to <25°C	E120/Payload box up to 48 hours
Processed Whole Blood	1-10°C	E54 up to 24 hours E120 up to 24 hours

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.

Contact for related questions:

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¹ “as close to as possible”