



March 3, 2026

**To:** Hospital Transfusion Service Directors, Laboratory Managers, and Clinical Staff  
**From:** Chris Lough, M.D., Vice President of Medical Services  
**Subject:** Characteristics of Low Titer O Whole Blood (LTOWB) for CAP Standard TRM.40705

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In alignment with CAP Accreditation Standard TRM.40705 (Low Titer Group O Whole Blood), LifeSouth Community Blood Centers is providing the following technical specifications for our Low Titer O Whole Blood (LTOWB). This information is intended to assist your facility in updating its Transfusion Service protocols and to ensure the safe administration of whole blood for massive hemorrhage and trauma resuscitation.

#### Product Specifications and Characteristics

- Collection System:** Terumo Imuflex WB-SP Blood Bag System with CPD (Citrate-Phosphate-Dextrose) anticoagulant
- Leukoreduction:** The product is leukoreduced using an integrated **platelet-sparing filter**, maintaining a residual leukocyte count of  $<5 \times 10^6$  per unit
- Titer:** Negative at **1:100** for both Anti-A and Anti-B IgM
- TRALI Mitigation:** Donors are males, never pregnant females, or females tested for HLA antibodies per our standard protocols
- Expiration:** **21 days** from collection at 1-6°C
- Product code:** E0033 - WHOLE BLOOD\CPD/500mL/refg| ResLeu:<5E6

#### Considerations for TRM.40705

We recommend incorporating these specific titer levels and the "platelet-sparing" status of the leukoreduction into your facility's standard operating procedures to satisfy CAP inspection requirements.

If you require additional information or have clinical questions regarding the implementation of LTOWB at your facility, please feel free to contact Dr. Chris Lough, Vice President of Medical Services, at [cmlough@lifesouth.org](mailto:cmlough@lifesouth.org).