# Cryopreservation of PBMCs

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Safety: Follow BSL-2 practices and institutional IACUC/IRB approvals.

Materials: List all reagents with catalog numbers, instruments (e.g., BD LSRFortessa), and consumables.

Purpose: This SOP describes standardized procedures to ensure data integrity and reproducibility.

Procedure: Detail volume, incubation time, temperature, centrifugation speed, and gating strategy.

Documentation: Record lot numbers, deviations, and corrective actions in ELN.

QC: Include acceptance criteria, positive/negative controls, and repeat thresholds.

Customer: J&J  
Pricing:  
- Scientist analysis (per hour) — qty 2 × $402.94 = $805.88  
- ELISA cytokine panel — qty 12 × $1,084.24 = $13,010.88  
- qPCR reagents — qty 6 × $603.79 = $3,622.74  
- Western blot reagents — qty 8 × $2,299.87 = $18,398.96  
- PBMC isolation (per sample) — qty 9 × $1,013.58 = $9,122.22  
Subtotal: $44,960.68