

# Cryopreservation of PBMCs

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

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

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

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

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

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

Customer: BMS Pricing: - PBMC isolation (per sample) — qty 10 × \$1,028.40 = \$10,284.00 - Flow cytometry panel (16-color) — qty 1 × \$2,281.06 = \$2,281.06 - qPCR reagents — qty 1 × \$672.09 = \$672.09 - Microscopy imaging time — qty 4 × \$1,240.45 = \$4,961.80 Subtotal: \$18,198.95