# qPCR Expression Analysis

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

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

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

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

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

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

Customer: Pfizer  
Pricing:  
- PBMC isolation (per sample) — qty 9 × $857.24 = $7,715.16  
- Scientist analysis (per hour) — qty 7 × $225.30 = $1,577.10  
- Western blot reagents — qty 8 × $684.36 = $5,474.88  
- Animal housing (per cage) — qty 1 × $1,766.85 = $1,766.85  
Subtotal: $16,533.99