

# ELISA Quantitation Assay

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

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

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

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

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

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

Customer: BMS Pricing: - Flow cytometry panel (16-color) — qty 1 × \$2,028.79 = \$2,028.79  
- ELISA cytokine panel — qty 9 × \$1,397.03 = \$12,573.27 - Animal housing (per cage) — qty 8 × \$102.18 = \$817.44 - QA review — qty 5 × \$1,433.42 = \$7,167.10 - Scientist analysis (per hour) — qty 11 × \$2,411.95 = \$26,531.45 - PBMC isolation (per sample) — qty 3 × \$1,266.26 = \$3,798.78 Subtotal: \$52,916.83