

# ELISA Quantitation Assay

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

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

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

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

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: - Flow cytometry panel (16-color) — qty 10 × \$469.02 = \$4,690.20 - ELISA cytokine panel — qty 3 × \$644.22 = \$1,932.66 - Scientist analysis (per hour) — qty 6 × \$906.24 = \$5,437.44 - Western blot reagents — qty 1 × \$1,584.13 = \$1,584.13 - QA review — qty 11 × \$425.41 = \$4,679.51 - PBMC isolation (per sample) — qty 1 × \$2,318.68 = \$2,318.68 Subtotal: \$20,642.62