

# ELISA Quantitation Assay

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

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.

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

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

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

Customer: Moderna Pricing: - QA review — qty 1 × \$2,356.31 = \$2,356.31 - Scientist analysis (per hour) — qty 1 × \$118.03 = \$118.03 - Microscopy imaging time — qty 7 × \$1,900.18 = \$13,301.26 - Animal housing (per cage) — qty 8 × \$1,100.42 = \$8,803.36  
Subtotal: \$24,578.96