# RNA Extraction and QC

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

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.

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

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

Customer: Pfizer  
Pricing:  
- ELISA cytokine panel — qty 4 × $2,072.01 = $8,288.04  
- Microscopy imaging time — qty 2 × $2,361.47 = $4,722.94  
- QA review — qty 10 × $1,383.35 = $13,833.50  
Subtotal: $26,844.48