Battelle, Columbus, OH (2012)

TABLE 1. Viability of high and low concentrations† of *M. tuberculosis* (MTB) after exposure to PrimeStore Molecular Transport Medium. High concentrations of MTB are inactivated/killed at incubation times greater than 30 minutes.

Exposure time	High MTB (10^7 CFU/mL) @ Ambient Temp	High MTB (10^7 CFU/mL) @ 80°C	Low MTB (10^3 CFU/mL) @ Ambient Temp	Low MTB (10^3 CFU/mL) @ 80°C
1 minute	Viable	N/A	Non-viable	N/A
10 minutes	Viable	N/A	Non-viable	N/A
20 minutes	Viable	N/A	Non-viable	N/A
30 minutes	Non-viable	Non-viable	Non-viable	Non-viable
60 minutes	Non-viable	Non-viable	Non-viable	Non-viable
4 hours	Non-viable	Non-viable	Non-viable	Non-viable
24 hours	Non-viable	Non-viable	Non-viable	Non-viable

†*Samples were performed in triplicate*

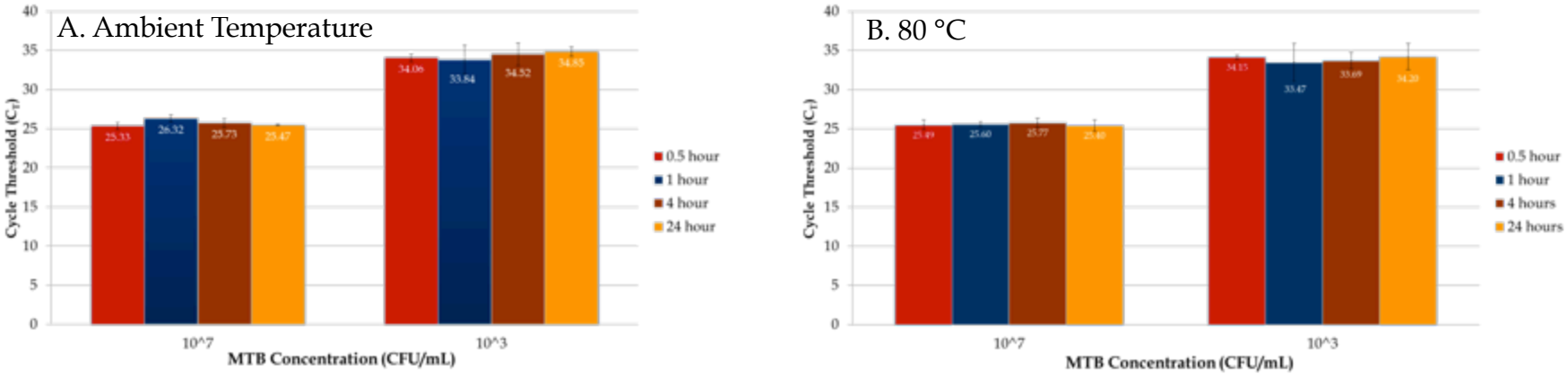

Figure 1. Real-Time PCR detection of *M. Tuberculosis* in PrimeStore MTM® after variable exposure times at: A) ambient temperature (24°C), and B) 80 °C. Genomic DNA from MTB was preserved and stabilized at all incubations based on real-time PCR cycle threshold values. Average triplicate reactions with standard error is shown.

PrimeStore MTM®
Molecular Transport Medium