Impact of Chemical Preservation On Results of Urine Bacterial Plating

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Healthy donor urine spiked with *Enterococcus faecalis* (ATCC 29212), then split into boric acid preserved and non-preserved aliquots (BD Urine C&S Vacutainer ref# 364955). Samples were held at room temperature for 2.5 days and continuously measured by BacterioScan 224R Laser Microbial Growth Monitor to measure bacterial concentration. Starting bacterial concentration is calibrated to plated colony counts. The green line shows the background laser scatter level for the healthy urine control.