



CPAL

Central Pennsylvania Alliance Laboratory

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DNA Sequence Analysis for Identification of Microorganisms - Protocol for Submitting MICRO ID Samples from MGIT Tubes -

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Specimen (IMPORTANT):

Specimen transport tubes are provided by CPAL. Call the CPAL laboratory to obtain transport tubes. These tubes contain a solution (*PrepMan® Ultra*) that is required for the inactivation of the microorganisms and denaturation of their genomic DNA.

The 2 mL screw cap specimen transport tubes (labeled MICRO ID) contain about 200uL of *PrepMan® Ultra*. To submit a specimen from a **MGIT** tube for sequence identification, Remove a 200uL aliquot and subject it to centrifugation in order to obtain a cell pellet. (NOTE: the pellet may not be visible). Decant the supernatant and resuspend the pellet in 200uL of *PrepMan® Ultra* solution.

Place specimen transport tube into an individual labeled container (ie biohazard bag, conical tube, etc) and send to CPAL.

Samples from MGIT tubes **must** be processed in this manner at the ordering institution prior to submission for testing. Unprocessed MGIT tubes received at CPAL will be returned to the ordering institution for possessing.

Alternative specimen sources may be considered. Please call the lab with any questions about this testing.