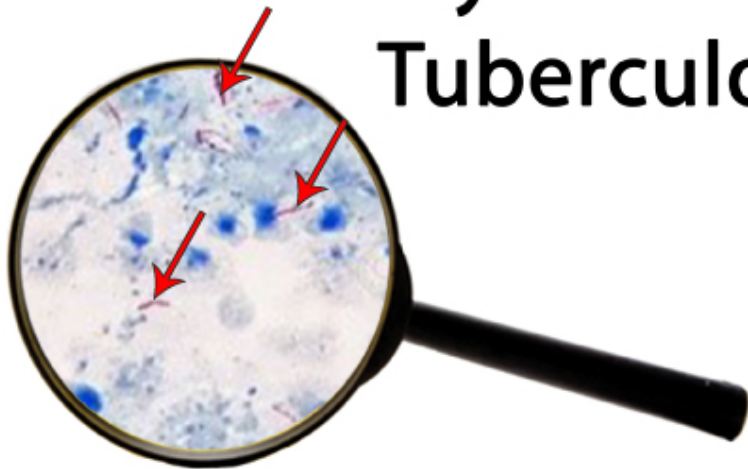


SEDIPREP® Rapid Sputum Tuberculosis (TB) Microscopy

Advantages of the SEDIPREP® Rapid Sputum Tuberculosis (TB) Microscopy

- ✓ Improved patient care & treatment – Fast turnaround time within 30 minutes, from specimen processing to evaluation
- ✓ Increased Detection Sensitivity - High recovery yield of up to 100% of TB bacteria content for microscopy evaluation
- ✓ Increased Diagnostic Accuracy - Better slide clarity with the removal of obscuring mucus elements from the slide

Rapid detection of
**Mycobacterium
Tuberculosis**



PRODUCT: SEDIPREP®-PS30-0300 CY-PREP® FILTER SLIDE-6887-0300(TB) SPUTOFLOUL® OR ALTERNATIVE

SAMPLE PREPARATION REFERENCE GUIDE

SEDIPREP® Rapid Sputum Tuberculosis (TB) Microscopy

<p>SPUTUM</p>	<p>(1) Specimen Collection Collect sputum sample directly into a sputum container.</p>
<p>Step (i):</p> <p>SPUTOFLOUL®</p> <p>SPUTUM</p> <p>VORTEX</p>	<p>(2) Specimen Concentration Recovery of the TB bacteria from the sputum to be processed with the size exclusion Reverse Filtration SEDIPREP® device.</p> <p>Step (i) : Uncap sputum sample container and add 12 ml of the SPUTOFLOUL® working solution (Merck 108000, refer to manufacturer guide on working solution preparation) into the container with the sputum sample. Recap the container and vortex for 3-5 seconds. Let sputum mixture stand for 10 minutes for the SPUTOFLOUL® to act on the sputum for the release of mycobacterium. Alternative mucolytic agent can be used in place of SPUTOFLOUL®.</p>
<p>Step (ii):</p> <p>Sputum mixture</p> <p>Filter membrane</p> <p>Supernatant</p> <p>(ii) Pic 01 (ii) Pic 02 (ii) Pic 03</p>	<p>Step (ii) : Pour the entire sputum mixture from Step (i) into the SEDIPREP® Container Unit.</p> <p>Slid the SEDIPREP® Filter Unit axially into the SEDIPREP® Container Unit, and fasten in a clockwise direction to remove unwanted supernatant that has entered into the SEDIPREP® Filter Unit chamber.</p>
<p>Step (iii) :</p> <p>Decant Supernatant</p> <p>Investigative materials are retained here</p> <p>Retained investigative materials are processed on CY-PREP® Processor</p> <p>(iii) Pic 01 (iii) Pic 02</p>	<p>Step (iii) : Decant the supernatant from the SEDIPREP® Filter Unit chamber. Unfasten the SEDIPREP® Filter Unit from the Container Unit.</p>
<p>Dual Filtration CY-100 Processor</p>	<p>(3) Process on CY-100 Processor Pour the entire recovered TB bacteria content obtained from Step (iii) into the dual filter chamber mounted on the CY-100 Processor for transfer of the TB bacteria content onto a microscope slide.</p>
<p>(4) Fix, Stain and Evaluate</p>	