

FORENSIC BIOLOGY SEROLOGY PROCEDURES MANUAL

SLIDE PREPARATION FOR SPERMATOOZOA SEARCHES

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Slide Preparation for Spermatozoa Searches

There are two methods to prepare slides for spermatozoa searches. Either may be used:

1. Mashing

- A. Cut 1.0 x 1.0 mm of the sample and place it on a clean microscope slide.
- B. Add a drop of distilled water.
- C. Tweeze apart sample until fibers are in a thin even layer across the slide.
- D. Fix sample to the slide by heating on a hot-plate (approximately 5 to 10 seconds).
- E. Stain slide using the [Christmas Tree Staining procedure](#).

2. Pipettete Tip/Test Tube Extraction

- A. Using the pipette tip/test tube method, extract 1.5 x 1.5 mm samples in 50uL of distilled water for 30 minutes at room temperature.
- B. Centrifuge sample for 2 minutes.
- C. Pipette pellet onto microscope slide.
- D. Fix sample to the slide by heating on a hot-plate (approximately 5 to 10 seconds).
- E. Stain slide using the [Christmas Tree Staining procedure](#).