

FORENSIC BIOLOGY SEROLOGY PROCEDURES MANUAL

Slide Preparation for Spermatozoa Searches		
Status: Retired		Document ID: 984
DATE EFFECTIVE 04/24/2017	APPROVED BY Serology Technical Leader	PAGE 1 OF 1

Slide Preparation for Spermatozoa Searches

1 Procedure:

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

1.1.1 Mashing

1.1.1.1 Cut 1.0 x 1.0 mm of the sample and place it on a clean microscope slide.

1.1.1.2 Add a drop of distilled water.

1.1.1.3 Tweeze apart sample until fibers are in a thin even layer across the slide.

1.1.1.4 Fix sample to the slide by heating on a hot-plate (approximately 5 to 10 seconds).

1.1.1.5 Stain slide using the [Christmas Tree Staining procedure](#).

1.1.2 Pipette Tip/Test Tube Extraction

1.1.2.1 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.

1.1.2.2 Centrifuge sample for 2 minutes.

1.1.2.3 Pipette pellet onto microscope slide.

1.1.2.4 Fix sample to the slide by heating on a hot-plate (approximately 5 to 10 seconds).

1.1.2.5 Stain slide using the [Christmas Tree Staining procedure](#).