



**General Data Healthcare, Inc.**  
 Headquarters: 4354 Ferguson Drive,  
 Cincinnati, OH 45245  
  
 TBS Facility: 3014 Croasdaile Drive,  
 Durham, NC 27705

**Sales Inquires:**  
 PH: 844.643.1129  
 Email: talktous@general-data.com  
 Web: www.general-data.com/hc

**Service:**  
 PH: 800.245.5029  
 Email: customersupport@general-data.com

## TECHNICAL DATA SHEET 521

# SHURMount™ Coverslipping Medium

Page 1 of 1

Catalog#: LC-W

### INTRODUCTION

SHURMOUNT™ Coverslipping Medium is a non-permanent aqueous mounting medium formulated for coverslipping directly from aqueous solutions. It is non-fluorescing and has an antifade component to increase the viewing time of the specimen. Use SHURMOUNT™ Coverslipping Medium with most fluorescent dyes and stains including DAB, Alkaline Phosphatase Fast Red, AEC (aminoethylcarbazole) and a variety of other chromogens to enhance and retain fluorescent intensity.

SHURMOUNT™ Coverslipping Medium can be used for frozen sections, fat stains, chromogens for immunohistochemistry and in situ hybridization as well as other applications requiring a water soluble mounting medium. Also, useful in avoiding leaching or de-staining of enzymatic staining protocols like TRAP. Using SHURMOUNT™ Coverslipping Medium, the coverslip will dry in 24 to 48 hours depending on the amount of medium used. SHURMOUNT™ Coverslipping Medium solidifies under coverslip on the microscope slide after 24 hours with the following laboratory conditions and ambient temperature; relative humidity in winter time at greater than 20% and relative humidity in the summer time of up to 50%. Painting the edges of the coverslip is unnecessary. When the medium dries it will form a seal.

### PROCEDURE

Prepare slides as required. Prior to coverslipping rinse the slides in distilled or deionized water. The excess fluid can be drained, but blotting is not recommended. SHURMOUNT™ Coverslipping Medium is supplied in convenient 20ml dropper bottles for manual staining and in larger volumes for automated coverslippers.

Apply two drops of SHURMOUNT™ Coverslipping Medium to the slide at the end or over the tissue. Carefully lower the coverslip at an angle while gently applying pressure to force any excess medium and air bubbles away from the tissue and out from under the coverslip. It is helpful to draw the coverslip to the edge of the coverslipping medium and then lower it slowly while applying pressure. Gently tilt the slide to remove any medium at the edges of the slide and coverslip. The slide can be viewed immediately or after drying. Slides can be dried at room temperature or at 4°C. Drying at 4°C will increase drying times. Do not heat the slides as this can damage or fade some stains or reactions. Slides containing fluorescent chromogens should be stored in the dark.

SHURMOUNT™ Coverslipping Medium can be used on automated coverslippers in place of traditional solvent based coverslipping medium. The viscosity of the medium may require adjusting for proper flow rates. Allow the liquid to come to room temperature before making any adjustments for flow rate as the viscosity will change. The amount of medium dispensed will effect the drying time. Thicker sections will require more coverage with medium to assure the coverslip remains in place against the slide surface.

### ORDERING INFORMATION:

Cat. #	Description	Size
LC-W	Water based for immuno procedures	20 ml
LC	Toluene based for manual coverslipping	4 oz
LC-A	Xylene based for automated coverslippers	16 oz