

Thermo Scientific
Richard-Allan
Scientific
Mucolytic Agent

**Instructions
For Use**

Mucolytic Agent

Thermo Scientific Richard-Allan Scientific Mucolytic Agent is a mucolytic preservative designed for use in the preparation of mucoid cytology specimens. For years cytotechnologists have been plagued with the problem of sticky, thick mucoid specimens. Mucolytic Agent liquefies mucous and allows for optimal cytologic diagnostic results.

Instructions For Use

Mixing Instructions

Use full strength – Do not dilute.

Specimen Preparation

The specimen may be collected in a cup that contains 5-10 times the specimen volume of Mucolytic Agent. Thermo Scientific pre-filled disposable cups are available. This will preserve the specimen until it reaches the laboratory. In cases where this would be inconvenient, use a clean, dry collection cup. Do not collect in alcohol. Specimens should be vigorously shaken as soon as possible after collection in Mucolytic Agent. Use the following method for fresh specimens:

1. Place fresh, unfixed specimen in a 50 ml test tube.
2. Add an equal volume of Mucolytic Agent to the specimen. Depending upon the degree of specimen viscosity, additional Mucolytic Agent may be required.

CAUTION: MUCOLYTIC AGENT IS NOT A STERILIZING AGENT. When handling specimens in Mucolytic Agent, universal precautions should be followed to avoid possible infection. ▲

3. Cap the test tube and shake vigorously by hand. This step usually takes 30-60 seconds.
4. At this point the specimen may be centrifuged, the supernatant decanted and the resulting button used to prepare smears, Thermo Scientific Shandon Cytospin preparations and/or cell blocks.

Results

Mucous is liquefied. Microscopically, cells exhibit no cellular distortion or destruction. Cells display normal staining characteristics.

Limitations

It has been found that some specimens do not liquefy readily. If additional Mucolytic Agent, additional time and additional agitation do not liquefy the mucous, one can disperse mucous by use of a blender. Cells do not tend to adhere to the blender when Mucolytic Agent is used. For certain tenacious mucus samples which do not liquefy adequately in Mucolytic Agent, the Saccomanno blender technique may be preferred.

Warnings and Precautions

See Material Safety Data Sheets for warnings and precautions, as well as R & S code definitions.

See container labels for warnings and precautions.

Order Information

Product	Size	Qty.	REF
Mucolytic Agent	1 pt. (0.47L)	4/cs.	76166
Mucolytic Agent	1 gal. (3.79L)	4/cs.	76167

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Anatomical Pathology



Richard-Allan Scientific

Subsidiary of Thermo Fisher Scientific
4481 Campus Drive, Kalamazoo, MI 49008
Phone: 1 (800) 522-7270
Phone: + 1 (269) 544-5600
www.thermo.com/pathology



Microm International GmbH

Subsidiary of Thermo Fisher Scientific
Robert-Bosch-Str. 49
D-69190 Walldorf/Germany
Phone: + 49(0)6227-8360



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