

Thermo Scientific
Richard-Allan
Scientific
Decalcifying
Solution

**Instructions
For Use**

Decalcifying Solution

Thermo Scientific Decalcifying Solution is formulated to remove calcium from histological specimens. The EDTA and dilute hydrochloric acid in this decal solution require no heat, electricity or other aids to decalcify bone tissue. This decal solution offers rapid decalcification without destroying nuclear properties of the tissue.

Instructions For Use

Decalcifying Solution is designed to be used at full strength and should not require any additives. Protective gloves should be worn and work should be performed in a ventilated area. Bones and other calcified materials should be fixed prior to placing them in Decalcifying Solution. Bone specimens should be cut into sections of 5mm thickness or less.

Procedure

1. Rinse fixed section in water before placing in this solution.
2. Completely immerse section in a volume equivalent to 5 to 10 times the volume of the specimen.
3. Treatment time will vary depending on the size, hardness, number and type of specimens. Times may vary from 1 hour or less for needle biopsies to 48 hours for thick sections and should be adjusted according to practice and experience.
4. Change and discard the decalcifying solution daily.
5. Stirring accelerates decalcification.
6. After decalcifying, wash specimens in running water before routine processing.

Warning 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	Quantity	REF
Decalcifying Solution	32 oz. (0.94L) bottle	6/cs.	8340
Decalcifying Solution	1 gal. (3.79L) cube	4/cs.	8340-1

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Anatomical Pathology



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