

Instructions for Use

Decal Stat™ Decalcifier



CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
D1212-32	Decal Stat™, 32oz	1 each
D1212-1	Decal Stat™, 1 gallon	1 each
D1212-5	Decal Stat™, 5 gallon cube	1 each

INTENDED USE

Decal Stat™ Decalcifier is a hydrochloric acid solution which contains a chelating agent. Decal Stat™ is formulated to work faster than Original Decal™ product and can be used for the rapid decalcification of all types of bone. It works well with routine and all special stains, allowing for cellular and nuclear detail to remain crisp and clear when the procedure is monitored carefully. Minimal distortion of tissue and cellular structure after the decalcification process make this an ideal product for calcified tissues when immunohistochemistry (IHC) procedures are not being considered.

- 3 The specimen container holding the tissue specimen should then be placed into a biohazard transport bag or transport container, along with any paperwork for transporting back to the histology laboratory for further processing.
- 4 Tissue specimens can be stored in containers filled with 10% Neutral Buffered Formalin indefinitely. Specimens will not over-harden or be prone to excessive shrinkage from prolonged exposure or storage.

APPLICATIONS

Decal Stat™ may be used with all types of calcified histological specimens for rapid decalcification.

Please contact tech@statlab.com with any additional questions.

STORAGE AND STABILITY

Storage: Room temperature
Refer to SDS for details


SPECIMEN PREPARATION AND PROCEDURE

Tissue specimens must be fixed before exposure to Decal Stat™. This can be in 10% Neutral Buffered Formalin or other suitable fixative, such as Bouin's, B5, or Zinc Formalin.

- 1 Fix specimens in appropriate fixative.
- 2 For best results, suspend specimen so it is not in contact with any surface of the container. This allows exposure to all specimen surfaces and precipitated calcium salts to sink to the bottom of the container.
- 3 Small specimens should not be left in solution overnight. If decalcification process is incomplete, wash in water and return to fixative. Wash again before returning to decalcification solution to complete the process.
- 4 Continue Step #3 until specimen is decalcified.
*If decalcification time exceeds 24 hours, it is best to replace solution with fresh solution.
- 5 When decalcification is complete, removed specimen from Decal Stat™ and rinse well in water.
*If you plan to stain the section with potassium ferrocyanide/HCL solution (Iron stain), a minimum of 10 minute water rinse is recommended.

TECHNICAL INFORMATION

- 1 Place the required patient identification information on the prefilled container, making sure to use two patient identifiers for positive patient identification.
- 2 Place the tissue sample immediately into the appropriately sized and labeled 10% Neutral Buffered Formalin container and tightly close with the provided lid. If container is a StatClick™ Vial, an audible "click" will be heard when the lid is tightened to the appropriate tightness.

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