

LIEB'S METHOD FOR AMYLOID (CRYSTAL VIOLET)

PURPOSE:	For In Vitro Diagnostic Use: Intended for the qualitative demonstration of amyloid in tissue.
PRINCIPLE:	The staining solution initially stains all tissue components then, after time, self differentiates leaving the amyloid, which has a higher dye affinity than other tissue components, deep purple and distinguishable from other tissue components. Apathy's is used to avoid solvents destaining the tissue.
CONTROL:	Any tissue known positive for amyloid <i>Control Slides can be purchased from Histology Control Systems. See inside back cover, Item# cs001.</i>
SPECIMEN PREPARATION:	Formalin fixed, paraffin embedded sections cut at 6-10 micrometers
SOLUTIONS:	1. Crystal Violet Lieb's Working Solution Item# s169C 2. Apathy's Mounting Medium Item# s118 <i>Solutions can be purchased separately from Poly Scientific.</i>
NOTES:	
REFERENCE:	Luna, Lee G. <u>Histopathologic Methods and Color Atlas of Special Stains and Tissue Artifacts</u> . American Histolabs Inc. Gaithersburg, MD. 1992. p. 367.

STAINING PROCEDURE:

1. Deparaffinize and hydrate to distilled water.
2. Stain in Crystal Violet Lieb's Working Solution for 5 hours.
3. Wash well in running water for 15 minutes.
4. Mount with Apathy's Mounting Medium.

RESULTS:

Amyloid Purplish Violet
Other Tissue Elements Blue

Poly Scientific R&D Corp.

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