

Cresyl Echt Violet Solution (0.1%)

Description: Cresyl Echt Violet Solution (0.1%) is designed for staining Nissl substance in neurons on formalin fixed, paraffin-embedded tissue. Nissl granules are purple, nuclei of neuroglia and endothelial cells are slightly bluer than Nissl granules.

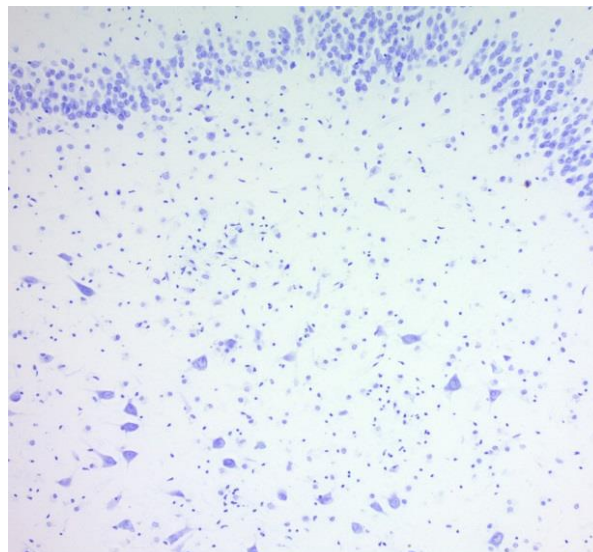
Nissl Substance: Violet
Neuroglia Nuclei: Violet to Dark Blue

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagent become cloudy.
Do not use past expiration date.
Use caution when handling reagent.
Non-Sterile.

Control Tissue: Cerebral Cortex

Availability/Contents:

<u>Item #</u>	<u>Volume</u>	<u>Storage</u>
CEA125	125 ml	2-8°C
CEA500	500 ml	2-8°C
CEA999	1000 ml	2-8°C



Cresyl Echt Violet Solution (0.1%) staining at 20X on Human Brain. Incubation time - 5 minutes.

Precautions: Avoid contact with skin and eyes.
Follow all Federal, State, and local regulations regarding disposal.

Procedure:

1. Deparaffinize sections and hydrate to distilled water.
2. Incubate slide in Cresyl Echt Violet Solution (0.1%) for 2-5 minutes
3. Rinse quickly in 1 change of distilled water.

Storage: 2° C



8° C



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4. Dehydrate quickly in absolute alcohol. (Alcohol may remove stain from tissue over time)
5. Clear in Xylene or Xylene substitute and mount in synthetic resin.

References:

1. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH. Page 262-264. 1980
2. Kluver, H., Barrera, E.A. A Method for the combined staining of cells and fibers in the nervous system. Journal of Neuropathology and Experimental Neurology, 1953, 12: pages 400-403.
3. Margaret M. Powers & George Clark (1955) An Evaluation of Cresyl Echt Violet Acetate as a Nissl Stain, Stain Technology, 30:2, 83-88,

Storage: 2° C



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