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# Nissl Counterstaining - Cresyl Violet

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**Protocol status:** Working
**We use this protocol and it's working**

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## Abstract

Nissl Counterstaining with Cresyl Violet for histological sections

## Delipidation Step

1 Ethanol 95%, 5min

2 Chloroform 100%, 10min (under the hood)

3 Ethanol 95%, 15 sec (quick rinse)

4 Ethanol 95%, 2min

5 Ethanol 70%, 1min30sec

6 dH2O, 2min

## Cresyl Violet staining

7 Cresyl Violet solution, 1min

8 dH2O, 15sec or less (quick rinse)

9 dH2O, 2min

## Differentiation

10 Ethanol 70%+Acid Acetic*, few seconds (control differentiation yourself). (*add 2-3 drops
of acetic acid 100% in 100ml ethanol 70%).

## Dehydratation

11 Ethanol 95%, 5-10sec (quick rinse)

12 Ethanol 100%, 1min

13 Xylene, 1min or more (under the hood) until mounting

14 Mount coverslip with DPX (under the hood)