Cresyl Violet Stain Protocol

Demyelination

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| --- | --- |
| 1. 70% EtOH | 2 x 2 min |
| 1. 95% EtOH | 2 x 2 min |
| 1. 100% EtOH | 2 x 2 min |
| 1. 95% EtOH | 2 x 2 min |
| 1. 70% EtOH | 2 x 2 min |
| 1. 50% EtOH | 2 x 2 min |
| 1. H2O | Rinse |

Stain

|  |  |
| --- | --- |
| 1. Cresyl Violet | 4-5 min, or until slightly too dark |
| 1. H2O | Rinse |
| 1. 70% EtOH | 2 x 2 min |
| 1. 95% EtOH | 2 x 2 min |
| 1. Check stain under microscope |  |

Differentiation

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| --- | --- |
| 1. 1% glacial acid in 95% EtOH | 1-5 min, or until enough stain is removed |
| 1. 95% EtOH | 2 x 2 min |
| 1. 100% EtOH | 2 x 2 min |

Clearing and Mounting

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| --- | --- |
| 1. Xylenes | 3 x 15 min |
| 1. Coverslip with DPX |  |