0.1% Cresyl Violet Stain (pH 4.3)

In 2 collections

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COLLECTIONS
Molecular Phenotype Distribution of Single Rat ICN Neurons - Heart B
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MATERIALS

- EMD Millipore™ Ultrapure Water for Molecular Biology
- Cresyl Violet acetate pure high purity biological stain
- Acetic Acid Glacial

Solution Prep

1. Measure **500 mL** of ddH2O or molecular grade H2O and pour into a glass beaker

2. Aliquot **0.5 g** of cresyl violet acetate into the glass beaker from the above step

SAFETY WARNINGS

Signal Word: **Warning**

Hazard Statements: Causes skin irritation; Causes serious eye irritation; May cause respiratory irritation

- **Prevention:** Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.
- **Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- **Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- **Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- **Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up.
- **Disposal:** Dispose of contents/container to an approved waste disposal plant.

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3 Put a magnetic stir bar into the glass beaker (containing H2O and cresyl violet acetate) and place on a hot plate at 100 °C and stir until cresyl violet is dissolved.

Allow solution to come to room temperature once cresyl violet is dissolved.

4 Test the pH of the solution. Add glacial acetic acid dropwise until the desired (pH 4.3) is achieved.

5 Pour the contents of the 0.1% Cresyl Violet solution through a sterile membrane filter into a light sensitive jar and close lid.