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Prepare Uric Acid Solution V.1

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1 Prepare **Uric Acid Storage Solution**:

Accurately weigh 0.01g uric acid dissolved in **Uric Acid Diluent Solution** and dilute to 100mL;

2 Prepare **Borate Buffer Storage Solution**:

Add these reagents to a clean media bottle, DDW volume to 200ml, adjust pH to 8.5 with NaOH.

boric acid	6.185g
borax	9.535g
EDTA	1.169g
10% Triton X-100	400μl

3 Prepare **Uric Acid Diluent Solution**:

Add 152 mL DDW and 8 mL **Borate Buffer Storage Solution** to a clean media bottle, adjust pH to 8.5 with NaOH.

4 Prepare **Uric Acid Working Solution**:

Dilute **Uric Acid Storage Solution** with **Uric Acid Diluent Solution** for 10 times.

The concentration can be adjusted according to experimental requirements.



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