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Version 1

Prepare Uric Acid Solution V.1

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Protocol status: In development

We are still developing and optimizing this protocol

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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	400 µl

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.