

SOP-P047

Preparation of Modified Vindelov's Propidium Iodide Stain

Objective: To make up Vindelov's Propidium Iodide stain for DNA staining.

Procedure:

1. Measure out the following:

	<u>For 100ml</u>	<u>For 200ml</u>
TRIS base	0.121g	0.242g
NaCl	0.0584g	0.1168g
RNase	6.29 μ l	12.58 μ l
PI	0.005g	0.01g
NP-40	0.1ml	0.2ml

2. Transfer to a flask with 80ml of millipore water
3. Add a stir bar and mix until dissolved
4. QS to 100ml
5. Adjust pH to 8.0
6. Filter through a 0.45 mm membrane filter
7. Wrap bottle in aluminum foil; solution is light sensitive
8. Label the bottle
9. Store at 4°

Created by: Kathy Ragheb

Date:

Verified by: _____ **Date:** _____

Print Name

Sign Name