

Instructions for Use

Methanol



CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
40380-1	Methanol, 1 gallon	4 per case

INTENDED USE

Methanol is designed for cytology and hematology methodologies. It is available in anhydrous concentration. In histology, it can be used in staining for hydration and dehydration of tissue specimens. In hematology, Methanol is the fixative of choice for blood and bone marrow smear preparations. Methanol fixation allows for quality staining and cellular presentation.

Strict quality control and assurance ensures batch to batch consistently and optimal dehydration and fixation properties. Each batch is quantitatively measured by a gas chromatograph to guarantee chemical consistency and to identify any impurities. Methanol contains only trace amounts of water and acetone. Methanol is a non-controlled substance and does not require record keeping.

STORAGE AND STABILITY

Storage: Store in a dry, cool, and well-ventilated place. Keep container closed when not in use. Store locked up. Keep/store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Refer to SDS for details.

PROCEDURE FOR CYTOLOGY STAINING

This is an example of a staining procedure for the use of Methanol in cytology staining. The recommendations aim to ensure proper tissue preparation and staining procedures. A reagent rotation/change schedule should be developed by each lab in accordance with policies and procedures.

- | | |
|----------------------|----------------|
| 1. Methanol 95% | 2 minutes |
| 2. Methanol 95% | 2 minutes |
| 3. Water Rinse | 30 seconds |
| 4. Hematoxylin | Specified time |
| 5. Water Rinse | 30 seconds |
| 6. Acid Rinse | Specified time |
| 7. Water Rinse | 30 seconds |
| 8. Bluing Reagent | 30 seconds |
| 9. Water Rinse | 30 seconds |
| 10. Methanol 95% | 15 seconds |
| 11. OG-6 | Specified time |
| 12. Methanol 95% | 30 seconds |
| 13. Methanol 95% | 30 seconds |
| 14. EA-50 | Specified time |
| 15. Methanol 95% | 30 seconds |
| 16. Methanol 95% | 30 seconds |
| 17. Methanol | 30 seconds |
| 18. Methanol | 30 seconds |
| 19. Methanol | 30 seconds |
| 20. Clearing Reagent | 1 minute |
| 21. Clearing Reagent | 1 minute |
| 22. Clearing Reagent | 1 minute |

This is an example procedure. Modifications may be necessary for each lab.

HEMATOLOGY SMEAR FIXATION:

1. Prepare anticoagulated blood or bone marrow specimen on a clean microscope slide using wedge smear technique or using an automated instrument. Results are optimal when a thin and even smear is achieved.
2. Allow specimen to completely air dry.
3. Fix the specimen Methanol for 30 seconds.
4. Proceed with selected staining protocol.

Please contact tech@statlab.com with any additional questions.



StatLab Medical Products
2090 Commerce Drive, McKinney, TX 75069
StatLab.com Phone: +1 800-442-3573

