

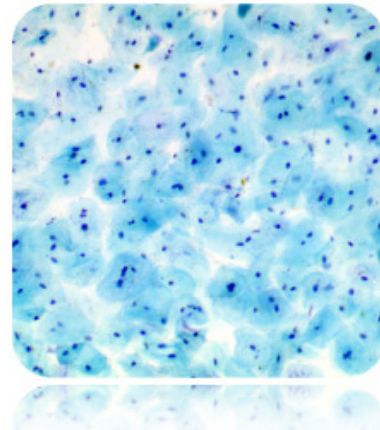
Methylene Blue Solution

Description: Methylene Blue Solution has been optimized in our research laboratories to give outstanding results when used in various procedures such as the Ziehl-Neelsen, Fite’s, and Gram stain. The stain is also suggested for use in staining a variety of bacteria (*Corynebacterium diphtheria*, *Haemophilus influenzae*, *Neisseria*, etc.) and leukocytes. This reagent produces dark blue nuclei with very light blue cytoplasm.

Nuclei:	Dark Blue
Cytoplasm:	Light Blue
<i>Corynebacterium Diphtheria</i> :	Blue Granules
<i>Escherichia Coli</i> :	Blue Rods
<i>Streptococcus Pyogenes</i> :	Blue Cocci

Uses/Limitations: Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.

Control Tissue: Cytology Smear.
Mucus Smear.
Fecal Smear.





Ordering Information and Current Pricing at www.scytek.com

Availability:	<u>Item #</u>	<u>Volume</u>
	MBS125	125 ml
	MBS500	500 ml
	MBS999	1000 ml


Storage: 18-25°C.

Precautions: Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Storage: 18° C  25° C

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Instructions For Use
MBS-IFU

Rev. Date: Aug. 24, 2012

Revision: 3

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1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Apply adequate Methylene Blue Solution to completely cover tissue section and incubate for 1-3 minutes.
3. Rinse slide using absolute alcohol.
4. Dehydrate in 2 changes of absolute alcohol.
5. Clear, and mount in synthetic resin.

Alternative: After staining, rinse briefly in distilled water (2-3 dips), allow slide to air dry, clear in xylene or xylene replacement, and mount in synthetic resin.

References:

1. Clark G., et al. Staining Procedures, 4th Edition. Williams & Wilkins, Baltimore, MD. Pages 380-381, 1981.
2. Misra, V., Misra, S.P., Dwivedi, M., Gupta, S.C. The Loeffler's methylene blue stain: an inexpensive and rapid method for detection of *Helicobacter pylori*. Journal of Gastroenterology and Hepatology. Sept.-Oct. 1994, volume 9(5): pages 512-513.

Storage: 18° C



25° C



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