

## Methyl Green (Purified) Solution

**Description:** Single component, Ready-To-Use solution for nuclear staining. Methyl Green (Purified) Solution binds to the DNA resulting in light green nuclei with little or no background staining. This reagent is suitable for use with chromogens that tolerate dehydration and permanent mounting.

**Results:** Nuclei are blue/green.

**Availability:**

<u>Item #</u>	<u>Volume</u>
MGS500	500 ml
MGS999	1000 ml
MGS010	10 Liters

**Uses/Limitations:** For In-Vitro Diagnostic use only.  
Histological applications.  
Do not use past expiration date.

**Storage:** Room Temperature.

**Procedure:**

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slides for 5 to 10 minutes in Methyl Green stain.
3. Rinse slides briefly in deionized water (10-20 seconds).
4. Place slides in 100% ethanol for 5 min (Note: use of graded alcohol removes stain), clear in xylene or xylene replacement, and mount in a **non-aqueous** medium. Use of aqueous mounting media will result in leaching of the Methyl Green stain within 1 - 5 minutes.

**Alternative:** After rinsing briefly in deionized water, allow slide to air dry, clear in xylene or xylene replacement, and mount in a non-aqueous medium.

**References:**

1. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2<sup>nd</sup> Edition. CV Mosby, Columbus, OH. 1980.