

## Kinyoun's Solution

**Catalog #26087**

### Microwave Kinyoun's Method For Acid Fast Bacteria

#### Section

Paraffin and frozen sections, air dried smears, touch preps.

#### Procedure

1. Deparaffinize sections in 2 changes of Xylene, and absolute alcohol. Air dry slides.
2. Filter 40 ml Kinyoun's Carbol Fuchsin Solution, into a plastic Coplin jar. Place slides in the jar; cover with a loose screw cap. Heat in the microwave for 50 seconds.
3. Remove the Coplin jar from the oven; rinse slides individually in 50% Alcohol. Differentiate in Acid Alcohol, 1%, until sections are faint pink. Dip a few times. Rinse in 50% alcohol, then in distilled water.
4. Counterstain lightly with Methylene Blue Working Solution, for two seconds. To prepare working solution from Methylene Blue Stock Solution, mix:  
Methylene Blue Stock, .....10 vols  
Tap Water .....90 vols
5. Dehydrate clear in Xylene. Mount

**Note:** All the alcohol dilutions used in this method should be prepared with absolute 100% alcohol.

#### Results

Acid Fast Bacteria	Red
Other tissue elements	Blue
Other types of bacteria	Blue

#### References

Valle, Sylvia; Journal of Histology , vol. 9, No. 4, December 1986.