



## **CYTOLOID™ MUCOLYTIC REAGENT PROCEDURE**

*Item# CYCLO*

*(Revised 03/08/18)*

**SPECIMEN:** Fresh sputum

**PRODUCT NOTE:** Specimen can be safely held in **CYTOLOID™** for 24 – 48 hours prior to further processing.

**PROCEDURE:**

1. Transfer specimen into a 50 ml conical centrifuge tube.
2. Add 2 volumes of **CYTOLOID™** for each volume of specimen and combine thoroughly using a vortex mixer.
3. Stop mixing and incubate the mixture at room temperature for 30 to 60 minutes with periodic vortex mixing.
4. Centrifuge the homogenized mixture for 5 minutes at 500 g.
5. Prepare smears using the cell button.
6. Completely air dry smears.
7. Fix smears through two changes of 95% Reagent Alcohol.
8. Stain smears as usual.

**REFERENCE:** ACTA CYTOLOGICA, The Journal of Clinical Cytology and Cytopathology; Vol. 39; 1995; 1137-1140.

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