



# Liqui-PREP™

## The Next Generation of Liquid Cytology

### Manual Technical Tips

**TIP Number:** 004

**Subject:** Heat drying of Liqui-PREP™ processed slides

#### **TECHNICAL TIP OVERVIEW:**

The following Technical Tip is for those users that want a faster method to dry **Liqui-PREP™** System prepared slides prior to staining.

Drying times of **Liqui-PREP™** slides in most environments take 30 minutes to 1.5 hours, depending on ambient humidity. Increasing the drying temperature of the slides will decrease the drying time. This Technical Tip address the UPPER limit of drying slides prior to staining.

**NOTE:** Technical Tips are intended to be suggested guidelines for handling cytology specimens. The Laboratory Professional may use these guidelines or make modifications as needed to process a given specimen.

#### **HEAT DRYING OF LIQUI-PREP™ PROCESSED SLIDES:**

After processing the slides, they can be placed into a standard laboratory oven, incubator, or drying block. The temperature should be 45° C or less. At 45° C prepared slides will be dry after 10 to 25 minutes, depending on ambient humidity. After drying, the dry slides are ready to staining.

**NOTICE:** Direct heat transferring through the glass microscope slide from a direct heat source touching the glass microscope will tend to “FRY” the cells on the slide. This will result in disrupted cells and cellular morphology that looks like the cells have been melted together. This same effect will occur if the slides for drying are placed directly on a glass or metal tray and placed in an oven.

WHEN DRYING IN AN OVEN, REMEMBER TO PLACE YOUR SLIDES ON A PAPER TOWEL. LGM Laboratory places paper towels on the bottom of the glass tray, then lay the slides to dry on top of the paper towels. Then the trays are placed into the oven for drying.

Any questions, contact your local Liqui-PREP™ representative or:

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