



American MasterTech

scientific laboratory supplies

POST OFFICE BOX 2539 LODI, CALIFORNIA 95241 TELEPHONE: 1 (800) 860 4073 FACSIMILE: 1 (209) 368 4136

POLYBATH HISTOLOGY WATERBATH ADHESIVE PROCEDURE

Item# TAPBA

(Revised 03/08/18)

POLYBATH is a concentrated liquid tissue adhesive that is added to your waterbath. **POLYBATH** can eliminate background staining associated with many other types of tissue adhesives. **POLYBATH** binds tissue to glass by its interaction with anionic sites in tissue. **POLYBATH** is activated by heat. It is very important that the slides are heated enough to completely melt the paraffin on the slides, otherwise complete tissue binding will not occur. **POLYBATH** can be used for all routine stain procedures, special stain procedures, and immunohistochemical stain procedures.

INSTRUCTIONS:

1. Fill waterbath as usual.
2. Add 5 drops of **POLYBATH** to waterbath and stir with a spatula. (NOTE: WATERBATHS THAT HOLD MORE THAN 2000 ml., OR HEAVY TISSUE LOADS MAY REQUIRE UP TO 10 DROPS PER APPLICATION)
3. After mounting tissue on slide from waterbath, expose slides to heat as usual to completely melt the paraffin. (THERE **MUST** BE ENOUGH HEAT TO MELT PARAFFIN ON SLIDE)
4. Deparaffinize tissue using Xylene or a Xylene substitute.

SPECIAL NOTES:

Some tissues, such as bone and skin, have few anionic sites for binding. If a high percentage of sectioned tissue is of this nature, we advise using **POLYBATH** in combination with **MasterTech Chrome Alum Adhesive**. Add one cap-full of **Chrome Alum Adhesive** and 5 drops of **POLYBATH** to your waterbath and stir well. This combination of two chemically different tissue adhesives will afford excellent tissue adhesion and slide clarity.

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