

Thermo Scientific Richard-Allan Scientific Bouin's Fluid Instructions for Use

For in vitro diagnostic use.

For fixation of pathology specimens.

Thermo Scientific™ Richard-Allan Scientific™ Bouin's Fluid is designed to be used at full strength and should not require any additives. It is used as a primary fixative or as a mordant when doing special stains such as Masson's Trichrome. Bouin's Fluid is an excellent fixative for soft and delicate tissues and gastrointestinal tract specimens. This product contains formaldehyde and should be regarded as hazardous.

Instructions For Use

Specimen Preparation

1. Tissue specimens should be placed in Bouin's Fluid immediately after removal from the body. Prompt fixation will prevent autolysis, putrefaction, and other undesirable cellular changes.
2. When grossing, tissue specimens should be no thicker than 5mm to facilitate optimal fixation.
3. Containers should be large enough to accommodate the specimen and to allow a ratio of 15 to 20 times the volume of Bouin's Fluid to the volume of the specimen.

Procedure

1. Bouin's Fluid is sometimes used in the grossing room as a holding solution until the tissue specimens are ready to be placed onto the tissue processor. This solution should be replaced daily.

Warning: Use this product in a well ventilated area and use protective gloves and other precautions when handling Bouin's Fluid.

2. After fixation the Bouin's Fluid is removed from the specimen by rinsing in running water for a minimum of 1 hour followed by 70% alcohol. The tissues are then placed on the tissue processor.
3. Tissue specimens can be stored in containers filled with 70% alcohol indefinitely. Specimens will not over-harden or be prone to excessive shrinkage from prolonged storage.
4. When used as a mordant, the slide containing the specimen is de-waxed and hydrated to water. The slide is placed in a staining dish or coplin jar of Bouin's Fluid and heated to 56° C using a water bath, oven or with the aid of a microwave. When using a microwave, plastic glassware is required taking care not to over heat the solution. Slides can also be allowed to mordant overnight at room temperature.
5. After the mordant treatment the Bouin's Fluid is removed from the tissue section by placing the slide in running tap water until the yellow color is removed.
6. Continue with routine staining protocol.

Warnings and Precautions

See Safety Data Sheets for warnings and precautions, as well as EUH code definitions.

See container label for warnings and precautions.

Order Information

Product	Size	Qty.	REF
Bouin's Fluid	1 gal. (3.79 L)	Ea.	57211
Bouin's Fluid	40 mL	168/cs.	572401
Bouin's Fluid	500 mL	Ea.	88038
Bouin's Fluid	960 mL	9/cs.	H2300-V960

