



B5-Sub™

- Intended Use -

B5-Sub™ is designed to fix superbly lymphoid and hematopoietic tissues. B5-Sub™ accomplishes fixation similar to that of B-5 without the use of mercury. It is the fixative of choice for lymph nodes, bone marrow biopsies and other lymphoid and hematopoietic tissues.

- General Information -

B5-Sub™ Fixative produces superb fixation for hematopoietic and lymphoid tissues. It is currently the most desirable fixative for bone marrow and lymph node biopsies. B5-Sub™ without mercuric chloride provides fixation that results in cytologic characteristics comparable to those produced by B-5 fixation. By using B5-Sub™, there are no hazardous problems associated with mercury disposal. This environmentally attractive bone marrow fixative produces histology comparable to those using mercury additives. This fixative is well suited for fixation of lymphoid tissues to be studied immunochemically. B5-Sub™ is highly recommended for fixation of hematopoietic and lymphoid tissues in your laboratory.

- Fixation Procedure -

B5-Sub™ is a coagulative and non-coagulative fixative. It is intended to replace fixatives containing mercury.

1. The biopsies or tissues should be added directly to the B5-Sub™. No other dilution or addition of other agents is necessary before use.
2. Generally it should be used in the same way one uses formalin as a fixative.
3. Small biopsies, such as bone marrow biopsies, should be fixed at least 2 hours prior to processing. Large tissues, such as tissue blocks from lymph nodes or spleen, are best fixed 10-12 hours prior, although fixation for 3-4 hours is often sufficient. Over-fixation is not a problem; however, tissues should generally not be fixed longer than one week.
4. No washing of tissues after fixation is necessary.
5. The fixed tissues should be processed by the same schedule routinely used for formalin-fixed tissues.
6. The schedule for staining tissues fixed with B5-Sub™ is the same as that of formalin-fixed tissues.
7. Disposal of B5-Sub™ should be in accordance with directions from your local waste management agency. In general, disposal is the same as that for fixatives containing formaldehyde.

* For decalcification of tissues, CDI recommends the use of our traditional or Immuno formulations of XL-Cal™, or Calfor® decalcifying agents. Decalcifiers can vary in composition and other decalcifying solutions may not be compatible with B5-Sub™.

- Packaging -

Catalog#	Volume
FX1061	Gal. (3.8L)
FX1062	Gal. (3.8L) CS/4
FX1058	500mL
Pre-Filled Jars	
FX1059	20mL CS/256
FX1058-40	40mL CS/256
FX1060	60mL CS/256
- Other Referenced Solutions -	
Calfor® (Formic acid/Formalin)	
CFQ438	Gal. (3.8L) CS/4
CFQ038	Gal. (3.8L)
CFQ025	1 Gal. (3.8L) CUBE
XL-Cal® Rapid Bone Decalcifier	
XLG438	Gal. (3.8L) CS/4
XLG946	Gal. (3.8L)
XLC025	1 Gal. (3.8L) CUBE

