

**CELLSAFE™ BIOPSY CAPSULE**    
**Product Number 27165**

**INTRODUCTION**

The CellSafe™ is designed to contain small tissue fragments and biopsies during tissue processing. The plastic frame and mesh are suitable for use in common tissue processing reagents including Formaldehyde solutions, Bouin's Fluid, Alcohol solutions, Xylene, Chloroform, Citrus based clearing agents and Paraffin wax (melting point up to 65°C).

If you are using any unusual reagents we suggest that you carry out preliminary chemical compatibility tests before using the CellSafe™ to contain tissue samples.

CellSafe™ can be used in Microwave Tissue Processors.



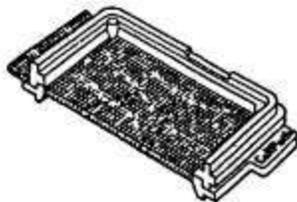
***THE CELLSAFE IS DESIGNED FOR SINGLE USE ONLY.***

***We recommend that a maximum of two biopsies are placed in a CellSafe™ at any one time.***

**INSTRUCTIONS**

The CellSafe™ comprises 2 interlocking plastic frames - one slightly smaller than the other - which are linked by a mesh hinge. The frames surround a nylon mesh membrane with a pore size of 200 x 200 micron which will contain the majority of small specimens received for tissue processing.

The CellSafe™ can be closed in 2 ways to produce



- a 1 mm cavity



- or a 3.5 mm cavity

These two modes will be easily seen on close examination.

CellPath recommend that the 1 mm cavity is used when processing fragments of skin and other thin material which may have to be kept flattened during processing. The 3.5mm cavity can be used for other larger biopsies.

***Important: When closing the CellSafe™, apply pressure evenly at all four corners, using forefinger and thumb. Do not apply pressure directly to the mesh area, this may result in a lattice/ grid effect being embossed on the tissue sample.***

When closed the CellSafe™ is 5mm thick and will fit into most standard size tissue processing cassettes. However, due to the large number of manufacturers and designs of such cassettes, it is impossible to

guarantee that the **CellSafe™** is compatible with all such cassettes. Before processing any tissue in a **CellSafe™** you should ensure that the cassette lid can be securely closed with the **CellSafe™** in position.

The **CellSafe™** can be placed in the cassette either before or after the tissue has been placed inside.

Many users issue the **CellSafe™** to the clinic so that the biopsy can be placed inside immediately and returned to the laboratory in a pre filled fixative container. This greatly reduces risk of damage to the biopsy - or even loss of material. It also saves time in the laboratory.



Please be aware that for some cassettes the **CellSafe™** may only fit in one orientation. For most cassettes the **CellSafe™** will fit with the wider half to the bottom and the tabs to the back (away from the writing surface), as pictured left.

#### CASSETTES WITH STAINLESS STEEL LIDS (DO NOT USE IN MICROWAVE PROCESSORS)

1. Insert the larger plastic frame into the cassette.
2. Place the tissue onto the mesh.
3. Close the **CellSafe™** by pushing the smaller frame into position ensuring it is completely closed.
4. Fit the stainless steel lid

#### CASSETTES WITH PLASTIC LIDS (SYSTEM II PLUS)

1. Insert the larger plastic frame into the cassette with the hinge adjacent to the label end of the cassette.
2. Place the tissue onto the mesh.
3. Close the **CellSafe™** by pushing the smaller frame into position ensuring it is completely closed. There should be a 1mm gap between the frame and the cassette wall which will accommodate the plastic edge and the locating tabs on the cassette lid.

In some instances tissue fragments or washings may need to be processed.

The **CellSafe™** can be used as a filter using the following procedure.

1. Insert the larger frame into the cassette in the deeper 3.5 mm cavity mode.
2. Hold or support the cassette horizontally and slowly pour the suspension through the **CellSafe™**. The tissue fragments will be retained in the **CellSafe™** and when all the suspension has been filtered the **CellSafe™** and the cassette can be closed.

#### AFTER PROCESSING

After processing in the normal manner the cassette can be opened and the **CellSafe™** removed. The **CellSafe™** can be opened by pulling the 2 tabs away from each other. The tissue can then be removed and embedded following your standard procedure.

***THE CellSafe™ MUST NOW BE DISCARDED - IT IS NOT DESIGNED TO BE RE-USED.***

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