

# **!!Warning!!** Think about your safety

Precautionary measures to be taken when using aluminium cryotubes

## FOR YOUR PERSONAL PROTECTION

- 1) Always wear a face mask (made from acrylate)**
- 2) Check whether the screw threads on the tube and lid are ok**
- 3) Screw the lid on tightly**
- 4) Attention: AVOID EXCESSIVE TEMPERATURE DIFFERENCES**

When exposed to excessive temperature changes the lid could explode from the cryotubes. Protect yourself at all times. Wear a face mask, approved by the DIN standard 58214 part II and part III, BS 2092.2 or by the EEG regulation 89/686/EEG.

### **Instruction for use**

The material shrinks or expands under influence of excessive temperature differences. Make sure that the lid and the vial are in the same temperature.

### **Storage of cryotubes in liquid nitrogen**

1. Place the tissue in the cryotube.
2. Close the cryotube tightly and place the cryotube in the liquid nitrogen for 1 minute.
3. Store the cryotube at -80°C.

### **Use of cryotube in combination with isopentane** (commended by muscle tissue of kidney biopsies)

1. Place a cup with isopentane in the liquid nitrogen.  
(After approximately 2 minutes the isopentane clot and have a temperature of -160°C.)
2. Place the tissue sample or kidney biopsies in the isopentane for half a minute.
3. Place the frozen tissue or kidney biopsies in the cryotube and close the cryotube.
4. Store the cryotube at -80°C.

**!!!YOUR SAFETY IS A PRIORITY!!!**



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