

!!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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