

Sampling and Storage protocol

Lactates, pyruvates, ketone bodies in blood Lactates, pyruvates, ketone bodies in CSF

BLOOD SAMPLE

The following collection protocol must be strictly followed:

- Capillary/venous blood (collected **without tourniquet**) on lithium heparin tube homogenized.
- **Immediately** transfer (delay < 5 min) 0.6 mL of blood into a tube containing 0.8 mL of perchloric acid 1M
- ref. tube: **T3**.
- A vortex should be used and let the tube decant for 10 minutes in ice.
- Centrifuge, extract and freeze immediately the supernatant **which should be limpid**.
- Transmit within 48 hours.

LCR

Send **frozen** CSF.

SAFETY INFORMATION - PRECAUTIONS OF USE: PERCHLORIC ACID



Danger

H271 - May cause fire or explosion; strong oxidiser.

H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage.

Prevention

P210 - Keep away from heat.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.



Intervention

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P310 - IF exposed or concerned: Immediately call a POISON CENTER or doctor/physician.