

**TRANSPORTABLE CONTAINER, CHARGER SYSTEM, METHOD AND KIT FOR
GENERATION OF CARBON DIOXIDE SNOW BLOCK IN-SITU WITHIN THE
TRANSPORTABLE CONTAINER FOR PRESERVATION OF ITEMS STORED
THEREWITHIN**

Abstract

This invention relates to a novel kit, transportable apparatus and method for generating in-situ CO₂ snow block within the apparatus. An item such as a biological sample can be stored and transported within the same apparatus that is employed for creating the CO₂ snow block. The apparatus is capable of preserving the sample during transport. The invention also includes a specially designed CO₂ snow charger system including a charger and meshed conduit (3). The charger system is operated in accordance with the methods of the present invention to create the in-situ CO₂ snow block within a container (2) that can be also used for transport.

FIG. 1a