

InstiTHAW™ CHO Supplement

Product Code: RS-3105

Description

InstiTHAW™ CHO is an animal component free, cell supplement designed to minimise stress during the cryopreservation procedure and enhance growth of suspension CHO cells following revival. InstiTHAW CHO supplement is supplied as a 20x concentrated solution which should be diluted to a final concentration of 2x for use in cryopreservation, and 1x to support cells following revival.

Intended Use

FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN, ANIMAL, DIAGNOSTIC OR THERAPEUTIC USES.

Storage Conditions

Store at 2-8°C. Do not freeze.

Shelf-Life Information

InstiTHAW CHO is stable for 18 months from the date of manufacture (see Certificate of Analysis on our website - <https://www.aicompanies.com/support/certificates-of-analysis/>).

Directions for Use

Cryopreservation:

InstiTHAW CHO can be added to cryoprotective solutions to minimise stress during the cryopreservation procedure.

1. Gently invert the vial of InstiTHAW CHO several times (do not shake) prior to use.
2. Add InstiTHAW CHO to the cryoprotective solution to give a final concentration of 2x. Example: Add 5ml InstiTHAW CHO to 5mL DMSO and 40ml cell culture medium.
3. Resuspend cells to the desired concentration in the cryoprotective solution.
4. Aliquot the cell suspension into cryovials and freeze according to protocol.

Revival:

InstiTHAW CHO can be added to revival medium to improve cell recovery.

1. Gently invert the vial of InstiTHAW CHO several times (do not shake) prior to use.
2. Prepare base cell culture media in accordance with in-house practices (e.g., include selective agents, such as L-glutamine).
3. Add InstiTHAW CHO to the revival medium to give a final concentration of 1x and warm the cell culture medium to 37°C. Example: 5mL InstiTHAW CHO to 95mL cell culture medium.