

## InstiGRO™ CHO Supplement

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**Product Code:** RS-1105, 5mL vial / RS-1125, 25mL vial

### Description

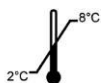
InstiGRO™ CHO is an animal component free cell culture supplement designed to enhance growth and improve the cloning efficiency of suspension CHO cells in liquid or semi-solid medium. InstiGRO CHO is supplied as a 20x concentrated stock solution which should be diluted to a final concentration of 1-1.5x depending on the application.

### Intended Use

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

### Storage Conditions

Store at 2-8°C. Do not freeze.



### Shelf-Life Information

InstiGRO 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

**At 37°C precipitate may sometimes be observed; however, this will not affect the reagents performance. For applications where optical clarity is important, filter the product (0.2µm) prior to use.**

### Routine Cell Culture

1. Gently invert the vial of InstiGRO CHO several times (do not shake) prior to use.
2. Prepare base cell culture media in accordance with in-house practices (e.g., including selective reagents such as L-glutamine etc).
3. Add InstiGRO CHO stock solution to the cell culture medium to achieve a final concentration of 1-1.5x. Example: To achieve a final concentration of 1x, add 5ml InstiGRO CHO stock to 95ml of cell culture medium.

### Single Cell Cloning and Clonal Expansion

1. Gently invert the vial of InstiGRO CHO several times (do not shake) prior to use.
2. Prepare base cell culture media in accordance with in-house practices (e.g., including selective reagents such as L-glutamine etc).
3. Prime cells in advance of single cell cloning by incubating in medium containing 1x InstiGRO CHO for 4 to 24 hours (the supplement can be added directly to the culture flask).
4. For single cell cloning, filter InstiGRO CHO stock using a 0.2 µm filter before adding to the cell culture medium to a final concentration of 1x.
5. For expansion of selected clones, InstiGRO CHO stock should be added to cell culture medium to give a final concentration of 1.25x - 1.5x. Example: For 1.25x, add 5ml InstiGRO CHO stock to 75ml of cell culture medium.