

# LILY

## CHO-DG44 Single Cell Cloning Medium

Serum free, animal component free.



### BENEFITS

Developed to perform single cell cloning for CHO-DG44 cells to generate monoclonal recombinant protein production. The medium provides equivalent growth of CHO-DG44 cells when compared to serum-containing medium. The medium offers

**Simplicity:** One medium, without additives  
**Serum-free and animal component free:** Reduces the risk for animal derived contaminants.

**Fully defined:** It doesn't contain hydrolysates or other complex additives. Thus, growth variability is reduced.

**Antibiotic-free:** No risk of antibiotic traces, hidden contamination and endotoxins.

### PRODUCT INFORMATION

LILY medium is free of serum, animal components and hydrolysates. The medium is developed for single cell cloning in suspension cells. In 2-3 weeks after the seeding clones reach enough cell number to transfer into the next culture dish.

LILY medium is easy-to-use and suitable for suspension cultures. Medium does not require any additive. LILY is a selective medium based on DHFR selection system.

After performing single cell cloning in LILY medium clones are recommended to culture in IRIS S medium in routine stock culture.

## APPLICATION

LILY medium is dedicated to single cell growth of CHO-DG44 cells expressing a recombinant protein. LILY is a selective medium based on DHFR selection system. Clones normally express the DHFR gene as selective marker and LILY is missing the DHFR gene products.

LILY medium is suitable for clonal cell growth performed manually or automatically with any device.

## MEDIUM SPECIFICATION

Name	LILY
Regulatory	Free of serum, animal components, hydrolysates, or antibiotics.
Available Form	Liquid
Cell Line	CHO-DG44 suspension cells
Storage Condition	2-8 °C, protect from light
Application	For research and manufacturing

## LILY PERFORMANCE

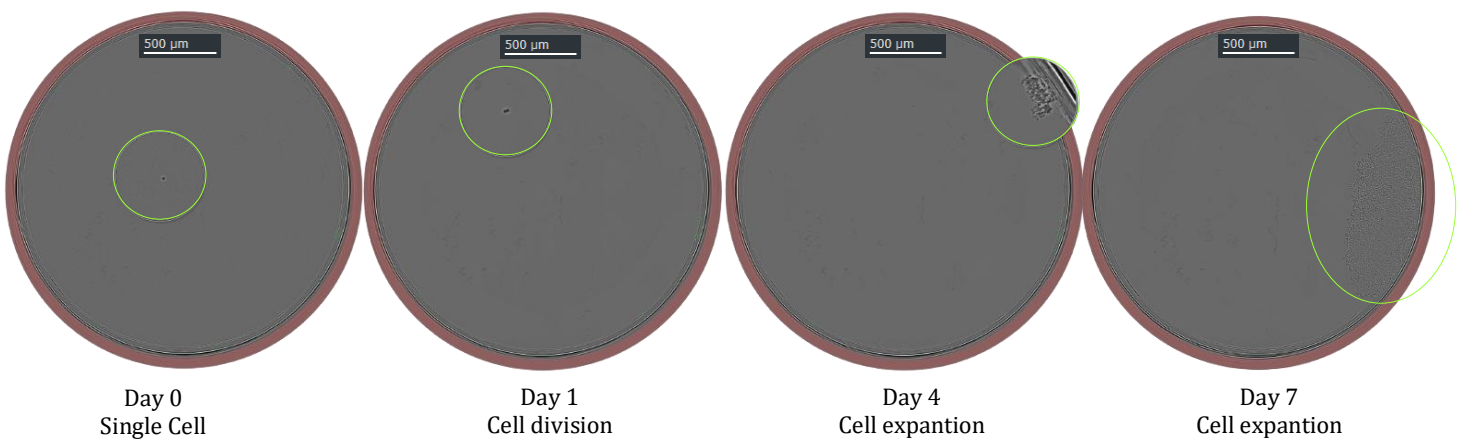


Figure 1: Clonal growth of CHO-DG44 cells in LILY medium performed by Solentim VIPs.



## ORDERING INFORMATION

Name	Application	Formulation	Volume	Catalogue number
LILY	Culture medium	Liquid	10 L	LLY52-L10
LILY	Culture medium	Liquid	1 L	LLY52-L1
LILY	Culture medium	Liquid	0,5 L	LLY52-L05

Custom made media are possible according to your preference and packaging size.

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