

CELL GROWTH INFORMATION FORM

1. Adherent Cells and Unstirred Suspension Cells

In order to allow Glycotope Biotechnology to establish your cell line in culture quickly and under optimal conditions, it is essential that we are provided with the following information relevant to the growth of your cell line. This information is required before we can initiate cell culture in our laboratories. Please complete all sections.

Cell Line Designation:
 (This is the name that will appear in the final report.)

Species of Origin:

If cells are of human origin or contain material of human origin, please attach statement or documents of previous HIV testing or donor status.
 Not Applicable See Attached

Cells grow as: Suspension Monolayer Bi-Phasic

No. of vials sent: No. of cells/vial: Expected viability: %

Have the cells been prepared in medium containing antibiotics? Yes No

Growth Medium: Medium: Serum:
 (State if heat inactivated.)

Supplements:

Please note: Additives which may interfere with in vitro test systems or affect animals (e.g., Dexamethasone, Methotrexate) should not be included in the Growth Medium.

OR Medium to be supplied by Sponsor Is medium serum-free? Yes No

Growth Conditions: Temp:°C % CO₂

Standardly, unless otherwise instructed, Glycotope Biotechnology will thaw your cells rapidly at 36 °C, transfer them to a sterile tube and slowly add warmed growth medium to a volume of approximately 10 ml. A Total and Viable cell count will be performed and the cells seeded in a culture flask(s) at a concentration of approximately 2 x 10⁵ cells/ml. For adherent cells, the growth medium will be removed the day after thawing and replaced with fresh medium. Suspension cells will generally be left for 2 days before handling further. Thereafter the cells will be subcultured as required. If the cells should be handled differently please indicate this below:

Cells to be centrifuged immediately after thawing to remove cryopreservative? Yes No

On thawing cells should be resuspended in: Warmed medium Cold medium

Recommended seeding concentration on thawing: cells/ml **OR** cells/cm²

Suggested split ratio or seeding concentration once established:

Optimal pH of Growth Medium (if known):

Additional Information (e.g., upper cell concentration limit for suspension cells):

2. Instructions for the Handling of a STIRRED SUSPENSION cell line:

Please complete all the sections. It is our standard policy to have all this information in place before we cultivate your cell line in our laboratories.

Cell Line Designation:
 (This is the name that will appear in the final report.)

Species of Origin: If cells are of human origin or contain material of human origin, please attach statement or documents of previous HIV testing or donor status.
 Not Applicable See Attached

No. of vials sent: No. of cells/vial: Expected viability: %

Have the cells been prepared in medium containing antibiotics? Yes No

Growth Medium: Medium: Serum:
 (State if heat inactivated.)

Supplements:

Please note: *Additives which may interfere with in vitro test systems or affect animals (e.g., Dexamethasone, Methotrexate) should not be included in the Growth Medium.*

OR Medium to be supplied by Sponsor Is medium serum-free? Yes No

Growth Conditions: Temp: °C % CO₂

Optimal pH of Growth Medium:

Brand, model and size(s) of recommended spinner culture apparatus (e.g., specify pendular or hanging-bar):

Cells to be centrifuged at 200 x g for 10 minutes to remove cryopreservative? Yes No

Special conditions for removal from liquid N₂:
 (e.g., should medium be slowly added to cells or should cells be added directly to the media?)

On thawing cells should be resuspended in: Cold medium Warmed medium

Recommended seeding concentration on thawing: cells/ml

Recommended initial culture volume (approximate): ml.

Suggested flask volume: ml

Recommended culture stirring rate: rpm

Recommended upper cell concentration: cells/ml

Suggested split ratio or seeding concentration once cells established in culture:

Expected doubling time for cell cultures once established:

Contact Persons: 1. 2.

Telephone Number:

Fax Number:

e-mail:

Completed forms to be copied to the Research and Development Division of Glycotope Biotechnology.