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|------------------------------------|----------------------------------|
| Product Name: | QuaCell® CHO Feed 03, Supplement |
| Catalog Number: | A11903 |
| Unit Size Availability: | Set |
| Formulation: | Liquid |
| Defined Storage Conditions: | 2~8°C |
| Stability: | 12 months |

Description

QuaCell® CHO Feed 03 Supplement provides a rich environment for high density CHO cell growth. QuaCell® CHO Feed 03 is a serum-free, animal component-free medium developed for CHO suspension culture for expression of antibodies and protein products. QuaCell® CHO Feed 03 is formulated without hypoxanthine, thymidine and L-glutamine.

Components

| | |
|--------------------------|---------|
| L-glutamine | No |
| Glucose | 100 g/L |
| Hypoxanthine & Thymidine | No |
| Phenol red | No |
| Sodium bicarbonate | No |
| Hydrolysate | Yes |

The product consists of two parts:

| | | |
|----------|-------------------------|---------|
| #A11903A | CHO Feed 03A Supplement | 1000 mL |
| #A11952 | Feed B02 Supplement | 100 mL |

Product Intended Use

Use aseptic technique when handling or supplementing this medium. This product is for research or for further manufacturing use.

CAUTION: Not for human or animal therapeutic use. Uses other than the intended use may be a violation of local law.

Safety information

Read the Material Safety Data Sheets (MSDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Condition of cell culture

Medium: complete QuaCell® CHO CD02

Cell Line: CHO cells

Culture type: suspension

Culture container: shaker /TPP/ bioreactor

Temperature range: 37°C±0.5 and 32°C±0.5

Incubator air requirements: humidified with 5~8% CO₂

Note: ensure proper air exchange and minimum exposure.










Feeding strategy

- Follow the recommended procedure of your electro-transfection device to transfect cells of interest and seed to appropriate density (this instruction assumes seeding viable cell density at 4E+6 cells/ml).
- After culturing for 24h (day 1), lower the culture temperature to 32°C, and start feeding cells with 5% (of initial culture volume) QuaCell® CHO Feed 03A + 1% Feed B02. Start monitoring glucose and lactate concentration from day 1.
- Continue feeding 5% QuaCell® CHO Feed 03A + 1% Feed B02 on day 3 and 5. Start monitoring viable cell density and viability from day 3 and keep samples on day5.
- For longer culture period, cells can be fed on day 7 and 9 with 7.5% QuaCell® CHO Feed 03A + 1% Feed B02, and on day 11 with 5% QuaCell® CHO Feed 03A + 1% Feed B02.

Related Products

| Cat.No. | Product |
|---------|--|
| A11002 | QuaCell® CHO CD02 Medium, liquid |
| A11004 | QuaCell® CHO CD04 Medium, liquid |
| A12004 | QuaCell® CHO CD04 Medium, powder |
| A11902 | QuaCell® CHO Feed02 Supplement, liquid |
| A12902 | QuaCell® CHO Feed02 Supplement, powder |

Explanation of Symbols and Warnings

| | | |
|---|---|---|
|  |  |  |
| Sterilized using aseptic processing techniques | Use By: | Store Temperature |
|  |  |  |
| Batch code | Dry preservation | Keep away from light |
|  |  |  |
| Research use only | GMP Manufacturing | Sticky notes |

