Description

Ultroser™ G serum substitute can successfully replace FCS (fetal calf serum) in cell culture medium. It is designed for the in vitro culture of anchorage-dependent cells. It is specially tested as the primary culture from amniotic liquid cells and is designed to confirm their ability for karyotyping.

Ultroser G serum substitute is CE mark-certified.

Features and Benefits

- Semi-defined composition ensuring batch-to-batch reproducibility
- Low protein content
- Easy use and storage

Ultroser G serum substitute has a concentration five times higher than fetal calf serum (2% of reconstituted Ultroser G serum substitute is equivalent to 10% fetal calf serum in the basal medium).

Quality Control Tests

Tests usually performed on Ultroser G serum substitute are:

- Physicochemical parameters
  - pH
  - Protein concentration
  - Sterility control
  - Bacteria & Fungi
    - Bovine viruses (BHV1-DVB/MM, hemadsorbents)
    - Mycoplasma
- Proliferation capacity on Hep G2
- Karyotyping

Application

Cells successfully tested with Ultroser™ G serum substitute:

- Glial cells
- Thyroid cells
- Chondrocytes
- Arterial cells
- Leydig cells
- Lewis cells
- Rat myocytes
- Human myocytes
- Amniotic cells
- Vero
- CHO
- BHK
- Bone marrow cells
- Fibroblasts skin cells
- Chicken fibroblasts
- HeLa
- MRC-5
Promyelocytes HL60
Raji
P3HR1
Astrocytes
Erythoblastes
Hypothalamic cells
Keratinocytes

Ordering Information

<table>
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<tr>
<th>Part Number</th>
<th>Product</th>
<th>Size</th>
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<tbody>
<tr>
<td>15950-017</td>
<td>Ultroser™ G serum substitute¹</td>
<td>20 mL</td>
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¹ Ultroser G serum substitute is available as a lyophilized powder. The product is shipped at ambient temperature and must be stored at 2 - 8°C.

For Technical information, contact:
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Contact Information

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