



Ultroser™ Serum Substitute

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

Applications

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

Part Number	Product	Size
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15950-017

Ultroser™ G serum substitute¹

20 mL

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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