



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

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

Part Number	Product	Size
15950-017	Ultroser™ G serum substitute ¹	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.

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