



Li StarFish S.r.l.
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Fetal Bovine Serum ES (Embryonic Stem Cell) ES cell tested - GMP Grade

Origin: USA	GMP-100200	100 ml
	GMP-100640	500 ml
EU approved*	GMP-100080	100 ml
	GMP-100520	500 ml
Origin: Australia	GMP-103360	100 ml
	GMP-103370	500 ml

General

Fetal Bovine Serum, pre-tested on embryonic stem cells is specially tested for the ability to sustain undifferentiated cellular morphology of embryonic stem cells. For testing the mouse ES cell line D3 is cultivated in the presence of leukaemia inhibitory factor (LIF). The screening includes plating efficiency, colony morphology and toxicity tests.

Applications

- Supports the growth of undifferentiated colonies of ES cells
- Recommended for most primary cells
- For low unspecific stimulation

Features

- Special serum batches preselected by the colony morphology and the expression of different stem cell markers
- Low endotoxin content
- Tested for viruses and microorganisms

Product Specifications

pH	6.8 – 8.2
Osmolality	280 – 340 mOsmol/kg
Endotoxin	≤ 1 EU/ml
Total Protein	3.0 – 4.5 g/dl
Albumin	as reported
IgG	≤ 250 µg/ml
Haemoglobin	≤ 20 mg/dl
Mycoplasma	not detected
Virus tested for	PI-3, BVD-AB, BVD-V, BHV-I
Sterility	tested
Storage	≤ -15°C

For each batch a Certificate of Analysis can be requested for detailed results of our quality control.

* Not available in North America due to USDA restrictions.

Li StarFish distribuisce:

