

Fetal Constance

EU approved

AC-SM-0189	100 ml
AC-SM-0190	500ml
AC-SM-0191	1000ml

Our Fetal Constance is an alternative to conventional fetal bovine serums and regularly outperforms them in promoting growth. Fetal bovine serum is used in cell culture as a growth additive because it is very rich in nutrients and contains a variety of growth factors. A disadvantage of Fetal Bovine Serum is its inconsistent nature. Concentrations of key nutrients vary significantly from batch to batch. We are using a proprietary blend of non-synthetic growth additive and regular FBS, so Fetal Constance is standardized. This blend allows for consistent quality from batch to batch and has lower immunoglobulin G levels.

Standardized Fetal Bovine Serum (FBS)

Storage: - 20 °C

No further testing necessary

Shelf Life: 5 years

Specifications

Appearance	Clear yellow-amber
pH	6.8 – 8.2
Osmolality	280 – 340 mOsm / kg
Endotoxin	< 10 EU / ml
Haemoglobin	< 20 mg / dl
Total Protein	3.0 – 4.5 g / dl
Albumin	1.4 – 3.4 g / dl
Globulin	0.4 – 2.4 g / dl
IgG	< 300 µg / ml
Aerobic Bacteria	Not detected
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Fungi (Yeast & Mould)	Not detected
Mycoplasma	Not detected
BVDV-1 antibody	Test and report
BVDV-2 antibody	Test and report
PIV3 antibody	Test and report
IBR antibody	Test and report
BLV antibody	Test and report
BHV-1 virus	Test and report
BVDV virus	Test and report
PIV 3 virus	Test and report