Datasheet

Fetal Bovine Serum

dialyzed

Product	Description	Catalogue-No.	Size
FBS dialyzed	**Fetal bovine serum, dialyzed, Virus and mycoplasma tested**	**P30-2100 P30-2101 P30-2102**	**50 ml 100 ml 500 ml**

Product description
FBS dialyzed is a specially processed serum product. Serum is ultrafiltrated against 0.15 M NaCl-Solution with a 10 000 Da MW cutoff filter. This ultrafiltration process is carefully designed to significantly reduce the concentrations of small molecules such as amino acids hormones or cytokines. FBS dialyzed is used in applications requiring serum depleted of these before mentioned small molecular weight molecules, that are necessary for alternative biochemical survival pathways. The glucose level, which is representative of the extent of dialysis, is below 10 mg/dL after completion of dialysis.

Composition
FBS Dialyzed contains only serum of highest quality from defined countries as specified. It is not blended or enhanced by addition of growth factors or proteins.

FBS dialyzed Advantages

- Reproducible growth properties
- Performance tested
- Ideal for radiolabeling assays
- Suitable for a great variety of cells
- Continuous quality control

Instructions for Use
FBS dialyzed should be thawed at 2-8°C (e.g. overnight). Alternatively, to save time, it may be thawed under controlled conditions in a water bath at 37°C, gently mixing the content from time to time. In this case it is important to closely observe the thawing process and stop when a small amount of ice is still present in the serum. After thawing the serum should be mixed well to get an even distribution of protein and growth factors (do not shake to prevent foaming). Thawed serum may be stored for up to four weeks at 2-8°C, or can be refrozen in smaller aliquots for later use.

Technical support
For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.

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