

Datasheet

FBS Standard

South America
Heat inactivated

Product	Description	Catalogue-No.	Size
FBS Standard	Fetal bovine serum, South America origin, heat inactivated, 0.2 µm sterile filtered	P30-193305M	50 ml
		P30-193305	100 ml
		P30-193306	500 ml

Product description

Animal Serum is commonly used to supplement basal media formulations for the optimal growth of many cell types in vitro.

Fetal Bovine Serum (FBS) is the most commonly used serum to supplement cell culture media due to its high content of growth factors. FBS is effective in promoting and sustaining growth of vertebrate, mammalian and insect cells.

Composition

FBS only contains serum of high quality from defined countries as specified. A Certificate of Analysis indicating the country of origin is available for each lot of serum.

FBS Advantages

- Reproducible growth properties
- Low endotoxin level
- Suitable for many different cell types

Heat inactivation

- Heated for 30 minutes at 56°C to inactivate complement proteins that are part of the immune response
- Heat-inactivated serum is especially suited for immunological work

Instructions for Use

FBS 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.

FBS is normally used in a concentration of 10%.

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.

FOR RESEARCH USE ONLY! Not approved for human or animal diagnostic or therapeutic procedures.