

## Datasheet

# FBS MSC

Product	Description	Catalogue-No.	Size
FBS MSC	Fetal bovine serum, South America origin, Mesenchymal stem cell tested, Tested according EMEA 1793 and Ph.Eur.2262, virus and mycoplasma tested	P30-2611M P30-2611 P30-2612	50 ml 100 ml 500 ml

### Product description

PAN Biotech's „FBS MSC“ is especially tested for superior growth properties on human mesenchymal stem cells (hMSC). Cells are cultured in a medium containing 10% FBS of the tested batch. By flow cytometric analysis the cultured hMSCs are then assayed and analyzed for morphology, expansion and vitality of cells. Results are compared to those of a control serum which has shown good growth on hMSCs – and only the best batches are selected for „FBS MSC“.

### Storage conditions

Storage: -20° C  
 Stability: 6 years from date of production  
 Size: 50 ml, 100 ml, 500 ml, other sizes on request

### 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

- tested for mesenchymal stem cell compability
- EMEA tested
- Virus and mycoplasma tested
- South America origin
- sterile filtered 0,2 µm

### 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](mailto:info@pan-biotech.com)) or phone +49-8543-601630.

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