

Datasheet

Panserin 293A

Serum-free Medium for HEK293 Cells in Adherent Culture

Product	Description	Catalogue-No.	Size
Panserin 293A	Ready-to-use medium for the serum-free culture of adherent HEK293 cells	ST04-710608M ST04-710608	100 ml 500 ml

Product description

Panserin 293A is a complete ready-to-use medium for the serum-free cultivation of adherent HEK293 cells (Human Embryonic Kidney).

Storage conditions

Storage: 2°-8°C
Stability: 1 year from date of production
Size: 100 ml, 500 ml, other sizes on request

Composition

Based on DMEM additional trace elements, albumin, cholesterol, lipids, vitamins and hormones have been added to the medium.

Special advantages

Panserin 293A is a particularly enriched medium optimized for the growth of HEK293 cells in adherent culture. HEK293 cells are frequently used for the expression of recombinant proteins and the proliferation of adenoviruses. Panserin 293A promotes a rapid attachment of the cells and guarantees high cell growth rates.

Instructions for use

A switch from serum-containing medium to Panserin 293A is often possible without adaptation. For those clones which do not tolerate an immediate switch we recommend a primary culture with serum containing medium and a stepwise reduction of serum towards a serum-free cultivation with Panserin 293A.

The efficient serum-free cultivation is supported by higher seeding densities. For a successful transfer into serum-free cultivation the viability of the cells is an important factor. The cells should be transferred in the logarithmic growth phase. According to our experience the transfer within the logarithmic growth phase will have higher prospects of success. During the cell transfer it should be assured that - if trypsin is used for detachment - the enzyme is completely washed out or is inactivated by trypsin-inhibitors.

Technical support

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

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