

## 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	P04-710608M P04-710608	100 ml 500 ml

**Product description**

**Panserin 293A** is a ready-to-use medium for the serum-free cultivation of HEK293 cells (Human Embryonic Kidney) in adherent culture. Serum-containing medium can be replaced directly.

**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 Panserin 293A contains additional trace elements, proteins, cholesterol, lipids, vitamins and hormones. The total content of proteins and animal-derived components is lower than 0.2 % w/v.

**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-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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