

Datasheet

Panserin 801**Complete Medium for Serum-free Cultivation of Keratinocytes**

Product	Description	Catalogue-No.	Size
Panserin 801	Ready-to-use, serum-free medium for cultivation of keratinocytes, Kit	P04-710801K	500 ml 6 Supplements

Product description

Panserin 801 is a serum-free (animal-derived components < 0.5 % w/v) and defined culture medium (total protein < 0.5 % w/v) for the cultivation of keratinocytes. It selectively supports the growth of human keratinocytes and concurrently prevents the overgrowth with fibroblasts.

Storage conditions

Panserin 801 kit consists of:

- Panserin 801 basal medium (Cat. No. P04-710801B)

Storage: 2-8°C in the dark

Stability: 1 year from date of production

Size: 500 ml, other sizes on request

- Panserin 801 supplements, which are added at the time of use.

Storage: -20°C

Stability: 1 year from date of production

Size: 6 supplements

Composition

The kit (P04-710801K) contains chemically defined MCDB-153 as basal medium (P04-710801B) and the following supplements:

- Epidermal Growth Factor (EGF)
- Insulin
- Hydrocortisone
- Ethanolamine
- Phosphoethanolamine
- Bovine Pituitary Extract (BPE)

Suitability

FOR RESEARCH USE ONLY!

Not approved for human or animal diagnostic or therapeutic procedures.

Special advantages

Panserin 801 has been developed for the serum-free cultivation of human keratinocytes. Panserin 801 selectively supports the growth of human keratinocytes and concurrently prevents the overgrowth with fibroblasts.

Instructions for use

- Pre-coat cell culture dishes with attachment factors (collagen, fibronectin, etc.)
- Thaw supplements and add them to the basal medium under sterile conditions
- Trypsinize cells, wash them twice and stop remaining trypsin activity with a trypsin inhibitor
- Adjust cell density to 15,000 cells/ml for sub-cultivation (initial seeding density $4-8 \times 10^3$ cells/cm²)
- Incubate keratinocytes with complete Panserin 801 at 37°C and 5 % CO₂
- Feed cells with fresh medium every 2-3 days

Please note: Cell culture dishes should be pre-coated with attachment factors (collagen, fibronectin or natural/synthetic fragments of these factors).

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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