

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 ready-to-use medium which has been developed for the serum-free cultivation of human keratinocytes. Panserin 801 selectively supports the growth of human keratinocytes and concurrently reduces an overgrowth of the cultures 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

MCDB-153 is used as basal medium which has to be supplemented with the supplements provided just before use. These supplements are:

- Epidermal Growth Factor (EGF) (Cat. No. P02-03513ZS)
- Ethanolamine (Cat. No. P02-03513ZS2)
- Hydrocortisone (Cat. No. P02-03513ZS3)
- Insulin (Cat. No. P02-03513ZS4)
- Phosphoethanolamine (Cat. No. P02-03513ZS5)
- Bovine Pituitary Extract (BPE) (Cat. No. P02-03513ZS6)

Suitability

FOR RESEARCH USE ONLY!

Not approved for human or animal diagnostic or therapeutic procedures.

Special advantages

Panserin 801 has been developed for the serumfree 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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