

Serum-free medium for Human keratinocyte

KBM NHEK-XF2

Product Description

This product is a medium for culturing normal human epidermal keratinocytes. It is possible to improve the survival rate of epidermal keratinocytes and proliferation. It can be used for dermatology, immunology research, cosmetics development, toxicity testing, etc.

Feature

- Since it does not contain serum, animal components, or BPE, it can accurately evaluate cell function.
- A chemically defined medium that does not contain unknown components, and a xeno free medium that does not contain heterogeneous components.
- Feeder cells are not required and can be cultured in a normal cell culture dish.
- Human epidermal keratinocytes can be passaged about 15 times.



Cell culture example

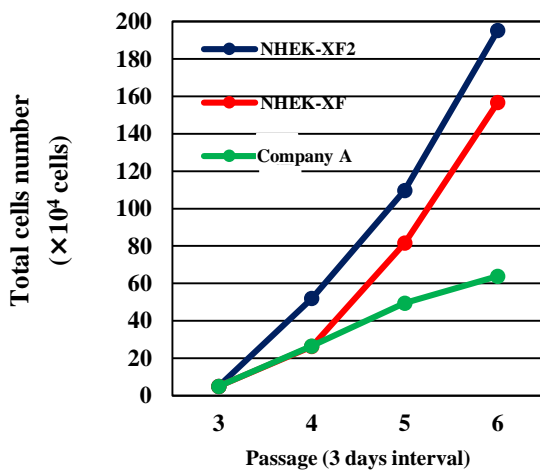


Fig. 1 : Growth curve

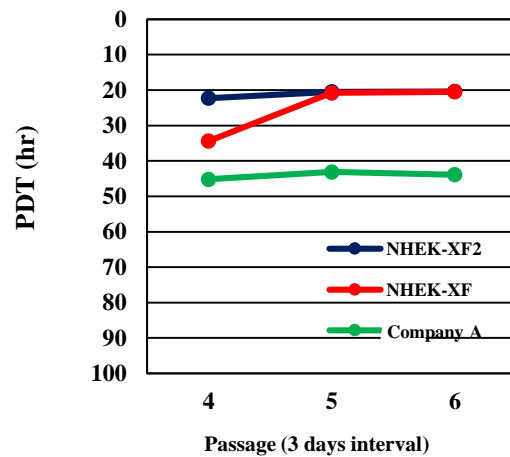


Fig. 2 : Variation of PDT

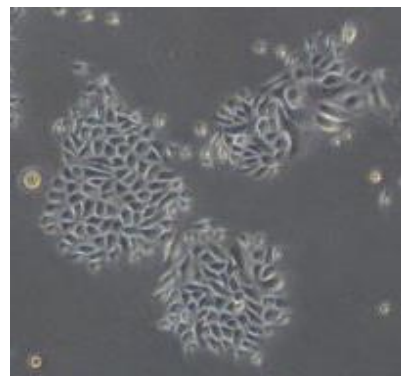
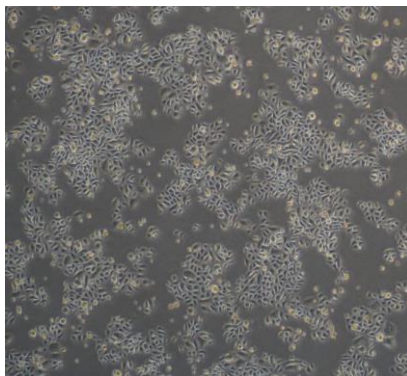


Fig. 3 : Cell morphology after culturing for 3 days

Cells : Human keratinocyte (NHEK-AD)
 Media : KBM NHEK-XF2
 Culture vessel : 6 well plate (Corning 3513)
 Culture protocol : 10×10^4 cells/well seeded and static culture at 37 °C • 5 % CO₂
 Subculture at 3 days intervals

| Product No. | Product Name | Size | Shelf Life | Storage |
|-------------|--------------|--------|------------|---------|
| 16087550 | KBM NHEK-XF2 | 500 mL | 12 months | -20 °C |

* This product is sold for research purpose only.