

# Serum-free medium for Human keratinocyte

## KBM NHEK-XF2

### Product summary

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.

### Features

- 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

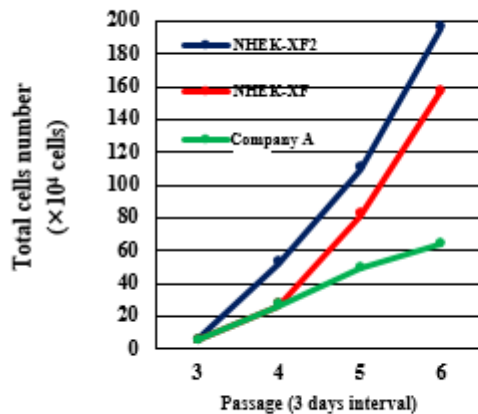


Fig. 1 : Growth curve

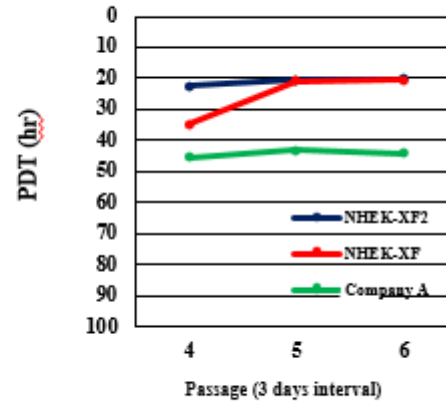


Fig. 2 : Variation of PDI

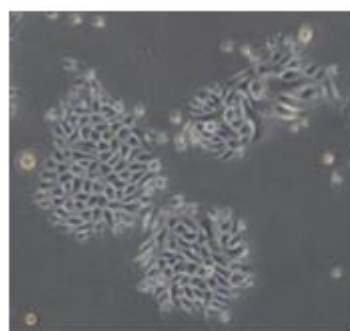
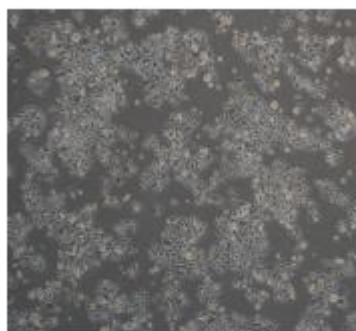


Fig. 3 : Cell morphology after culturing for 3 days

Cells : Human keratinocyte (NHEK-AD)  
Media : KBM NHEK-XF2  
Culture vessel : 6 well plate (Corning 3513)  
Culture protocol :  $10 \times 10^4$  cells/well seeded and static culture at  $37^\circ\text{C} \cdot 5\% \text{CO}_2$   
Subculture at 3 days intervals

Product No.	Product Name	Size	Shelf Life	Storage
16087550	KBM NHEK-XF2	500 mL	12 months	$-20^\circ\text{C}$

\* This product is sold for research purpose only.