

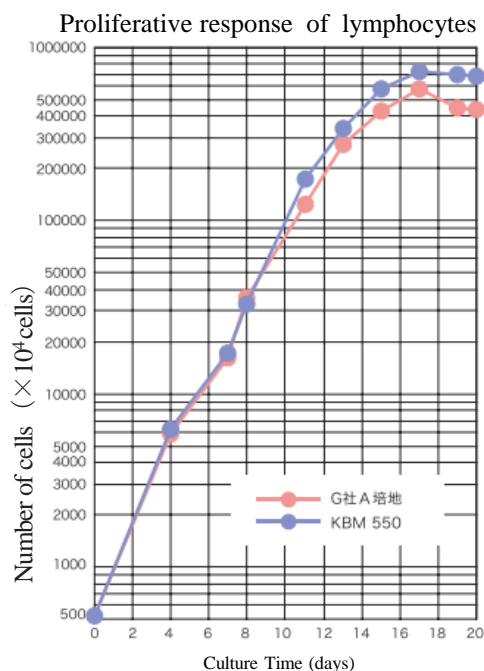
## KBM 550

### Product summary

- KBM 550 is a medium suitable for culturing human lymphocytes activated with immobilized anti-CD3 antibodies.
- By adding 5% to 10% serum or plasma at the start of culture, more stable human lymphocyte culture is possible.
- Addition of serum or plasma is necessary at the initial stage of culture, but it can be omitted during the logarithmic growth phase after 4 days.
- This medium contains 175IU of recombinant human interleukin-2, so there is no need to add it during culture.

### Features

- This protein contains human plasma-derived albumin, recombinant human insulin, and recombinant human interleukin-2.
- This medium has enhanced buffering capacity to suppress pH fluctuation during high-density culture.
- This medium contains Kanamycin sulfate as an antibiotic.



### [Culturing Example]

- Cells : Healthy adult peripheral blood cells  
 Vessel : Anti-human CD3 antibody-coated 75cm<sup>2</sup> flask for primary culture. Gas-permeable culture bag (1000mL) for expansion.  
 Cytokine: An equal amount of recombinant human IL-2 (175 IU/mL) was added to G's A medium.  
 Plasma : Inactivated autologous plasma was added at the beginning of culture.  
 Protocol Seeded at  $6.5 \times 10^4$  cells/mL and incubated adding the medium containing plasma-free cytokines according to proliferation.

Product No.	Product Name	Size	Price	Shelf Life	Storage
16025500	KBM 550	1,000 mL	12,000円	8 months	2-8°C

\* This product is sold for research purpose only.