KBM 502(Medium for Expansion of Activated Human NK Cells)
KBM 502B
(Medium for Expansion of Activated Human NK Cells in Culture bag)

Usage

This medium（KBM 502 and KBM 502B） is optimized for activation for activation of human peripheral blood natural killer cells which preliminarily activated by KBM 501. In order to prevent contamination, we ecommend to culture in the bag using KBM502B.

Feature

- The medium is composed of injection solvent and many pharmaceutical grade high purity reagent.
- This medium does not contain proteins except for human serum albumin (pharmaceutical grade), human transferrin, recombinant human insulin, recombinant human interleukin-2 (2814 IU/mL).
- Capable of minimize the variation of pH by enhanced buffer capacity.
- Kanamycin sulfate is contained as antibiotic.
- The bag uses the gas- permeable material, we confirm the safety and quality by the test method for a plastic medicine container of the Japan Pharmacopeia.
- The medium has good keeping quality.

Usage Example

1. Add 5-10% autoserum or autoplasma at the onset of culture.
2. Expand the scale of culture depending on cell proliferation. In this point, it may be possible to omit the addition of autoserum or autoplasma.
3. Change the medium to KBM 502 that has lower interleukin-2 concentration (281 IU/mL).

Osmolality: 290 ± 15 mOsm/kg H_2O (determined by freezing point depression osmometry)
pH: 7.2 ± 0.2 (determined using a glass electrode)
Sterilization: Negative (Membrane filtration)
Mycoplasma Test: Negative (PCR detection)
Endotoxin Test: Less than 0.3 EU/mL (Determined by *Limulus* amebocyte lysate assay)

Notice: This product is only for research use, and not for human or animal therapeutic use.

Code: 16025020
Product Name: KBM 502
Form: Liquid
Cytokine: Recombinant human interleukin-2 (281 IU/mL)
Size: 1,000 mL
Storage: 2-8℃
Shelf Life: 8 months from production date

Code: 1602502B
Product Name: KBM 502B
Form: Liquid
Cytokine: Recombinant human interleukin-2 (281 IU/mL)
Size: 1,000 mL
Storage: 2-8℃
Shelf Life: 8 months from production date