

Product Information

| Cat. No. | Product Description | Size | Store at |
|--------------|--|------------|----------|
| LKCT-500K | Kupffer Cell Thawing Medium Kit | 500 mL/Kit | |
| LKCT-500b | Kupffer Cell Thawing Basal Medium (KCTM-b) | 500 mL | 4°C |
| LKCT-500s | Kupffer Cell Thawing Supplement (KCTM-s) | for 500 mL | -20°C |
| LKCP-500K | Kupffer Cell Plating Medium Kit | 500 mL/Kit | |
| LKCP-500b | Kupffer Cell Plating Basal Medium (KCPM-b) | 500 mL | 4°C |
| LKCP-500s- I | Kupffer Cell Plating Supplement I (KCPM-s I) | for 500 mL | -20°C |
| LKCP-500s-II | Kupffer Cell Plating Supplement II (KCPM-s II) | for 500 mL | -20°C |
| LKCM-500K | Kupffer Cell Maintenance Medium Kit | 500 mL/Kit | |
| LKCM-500b | Kupffer Cell Maintenance Basal Medium (KCMM-b) | 500 mL | 4°C |
| LKCM-500s | Kupffer Cell Maintenance Supplement (KCMM-s) | for 500 mL | -20°C |

* **Important Note:** This media system does not contain any antibiotics. If required, appropriate antibiotics may be added prior to use.(e.g., 100 U/mL penicillin and 100 µg/mL streptomycin).

Product Description

Kupffer Cell Culture Medium Kit consists of three key components: Kupffer Cell Thawing Medium Kit, Plating Medium Kit and Maintenance Medium Kit. These components are specifically designed to work synergistically to support the thawing, plating, and long-term maintenance of primary Kupffer Cells, ensuring optimal cell viability, functionality, and phenotypic stability throughout the culture process. Each kit component is meticulously formulated with high-quality ingredients to minimize batch-to-batch variation and maximize experimental reproducibility.

- **Thawing Medium:** a fully-supplemented, buffered medium that rehydrates and recovers cryopreserved primary Kupffer Cells while maximizing post-thaw viability.
- **Plating Medium:** a serum-enriched medium that supports initial attachment and spreading of thawed primary Kupffer Cells onto coated plates.
- **Maintenance Medium:** a serum-containing medium that sustains Kupffer cell morphology, viability for extended culture of primary Kupffer Cells.

For the cell thawing procedure, please follow the instructions in the ***Cryopreserved Kupffer Cells User Guide***. It is recommended to use Kupffer Cell Culture Medium Kit in combination with Collagen I Coated Culture Plate.

Kupffer Cell Thawing Medium Kit

Product Information

| Cat. No. | Product Description | Size |
|-----------|--|------------|
| LKCT-500K | Kupffer Cell Thawing Medium Kit | 500 mL/Kit |
| LKCT-500b | Kupffer Cell Thawing Basal Medium (KCTM-b) | 500 mL |
| LKCT-500s | Kupffer Cell Thawing Supplement (KCTM-s) | for 500 mL |

Product Description

Kupffer Cell Thawing Medium Kit consists of Kupffer Cell Thawing Basal Medium (LKCT-500b), Kupffer Cell Thawing Supplement (LKCT-500s). This complete medium is formulated to support post-thaw recovery and high cell viability of primary Kupffer Cells.

Add the supplement to Basal Medium to obtain the complete medium. The complete medium can be taken directly from the 4°C refrigerator for thawing Kupffer Cells without pre-warming.

Storage & Shelf Life

Upon receipt, store Kupffer Cell Thawing Basal Medium at 4°C, and store Supplement at -20°C. Use within one year. After preparation, keep the complete medium at 4°C in the dark and use within 6 weeks.

Kupffer Cell Plating Medium Kit

Product Information

| Cat. No. | Product Description | Size |
|--------------|--|------------|
| LKCP-500K | Kupffer Cell Plating Medium Kit | 500 mL/Kit |
| LKCP-500b | Kupffer Cell Plating Basal Medium (KCPM-b) | 500 mL |
| LKCP-500s- I | Kupffer Cell Plating Supplement I (KCPM-s I) | for 500 mL |
| LKCP-500s-II | Kupffer Cell Plating Supplement II (KCPM-s II) | for 500 mL |

Product Description

Kupffer Cell Plating Medium Kit consists of Kupffer Cell Plating Basal Medium (LKCP-500b) , Kupffer Cell Plating Supplement I (LKCP-500s- I) and Kupffer Cell Plating Supplement II (LKCP-500s-II). This complete medium is a specialized medium designed to promote rapid attachment and high viability of Kupffer Cells.

Add the supplements to Basal Medium to obtain the complete medium. The complete medium can be taken directly from the 4°C refrigerator for seeding Kupffer Cells, without the need for pre-warming.

Storage & Shelf Life

Upon receipt, store the Kupffer Cell Plating Basal Medium at 4°C, and store Supplement I & II at -20°C. Use within one year. After preparation, keep the complete medium at 4°C in the dark and use within 6 weeks.

Kupffer Cell Maintenance Medium Kit

Product Information

| Cat. No. | Description | Size |
|-----------|--|------------|
| LKCM-500K | Kupffer Cell Maintenance Medium Kit | 500 mL/Kit |
| LKCM-500b | Kupffer Cell Maintenance Basal Medium (KCMM-b) | 500 mL |
| LKCM-500s | Kupffer Cell Maintenance Supplement (KCMM-s) | for 500 mL |

Product Description

Kupffer Cell Maintenance Medium Kit consists of Kupffer Cell Maintenance Basal Medium (LKCM-500b), Kupffer Cell Maintenance Supplement (LKCM-500s). This complete medium is used to maintain the morphology and viability of primary Kupffer Cells.

Add the supplement to Basal Medium to obtain the complete medium. The complete medium should be pre-warmed to 37°C prior to culturing Kupffer Cells.

Storage & Shelf Life

Upon receipt, store the Kupffer Cell Maintenance Basal Medium at 4°C, and store Supplement at -20°C. Use within one year. After preparation, keep the complete medium at 4°C in the dark and use within 6 weeks.