

NPCs Mix Culture Medium Kit Datasheet

Product Information

Cat. No.	Product Description	Size	Store at
NPCT-500K	NPCs Mix Thawing Medium Kit	500 mL/Kit	
NPCT-500b	NPCs Mix Thawing Basal Medium (NPCTM-b)	500 mL	4°C
NPCT-500s	NPCs Mix Thawing Supplement (NPCTM-s)	for 500 mL	-20°C
NPCM-500K	NPCs Mix Maintenance Medium Kit	500 mL/Kit	
NPCM-500b	NPCs Mix Maintenance Basal Medium (NPCMM-b)	500 mL	4°C
NPCM-500s- I	NPCs Mix Maintenance Supplement I (NPCMM-s I)	for 500 mL	-20°C
NPCM-500s-II	NPCs Mix Maintenance Supplement II (NPCMM-s II)	for 500 mL	-20°C

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

Product Description

NPCs Mix Culture Medium Kit consists of two key components: NPCs Mix Thawing Medium Kit, Maintenance Medium Kit. These components are specifically designed to work synergistically to support the thawing, plating, and long-term maintenance of primary Non-Parenchymal Cells Mix, 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 Non-Parenchymal Cells Mix while maximizing post-thaw viability.
- **Maintenance Medium:** a serum-enriched medium that supports initial attachment and spreading of thawed primary Non-Parenchymal Cells Mix onto coated plates.

For the cell thawing procedure, please follow the instructions in the **Cryopreserved Non-Parenchymal Cells Mix User Guide**. It is recommended to use NPCs Mix Culture Medium Kit in combination with Collagen I coated culture plate.

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NPCs Mix Thawing Medium Kit

Product Information

Cat. No.	Product Description	Size
NPCT-500K	NPCs Mix Thawing Medium Kit	500 mL/Kit
NPCT-500b	NPCs Mix Thawing Basal Medium (NPCTM-b)	500 mL
NPCT-500s	NPCs Mix Thawing Supplement (NPCTM-s)	for 500 mL

Product Description

NPCs Mix Thawing Medium Kit consists of NPCs Mix Thawing Basal Medium (NPCT-500b), NPCs Mix Thawing Supplement (NPCT-500s). This complete medium is formulated to support post-thaw recovery and high viability of Non-Parenchymal Cells Mix.

Add the supplement to Basal Medium to obtain the complete medium. The complete medium should be pre-warmed to 37°C prior to thawing cryopreserved Non-Parenchymal Cells Mix.

Storage & Shelf Life

Upon receipt, store NPCs Mix 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.

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NPCs Mix Maintenance Medium Kit

Product Information

Cat. No.	Product Description	Size
NPCM-500K	NPCs Mix Maintenance Medium Kit	500 mL/Kit
NPCM-500b	NPCs Mix Maintenance Basal Medium (NPCMM-b)	500 mL
NPCM-500s- I	NPCs Mix Maintenance Supplement I (NPCMM-s I)	for 500 mL
NPCM-500s-II	NPCs Mix Maintenance Supplement II (NPCMM-s II)	for 500 mL

Product Description

NPCs Mix Maintenance Medium Kit consists of NPCs Mix Maintenance Basal Medium (NPCM-500b), NPCs Mix Maintenance Supplement I (NPCM-500s- I) and NPCs Mix Maintenance Supplement II (NPCM-500s-II). This complete medium is used to maintain the morphology and viability of primary Non-Parenchymal Cells Mix.

Add the supplements to Basal Medium to obtain the complete medium. The complete medium should be pre-warmed to 37°C prior to seeding and culturing Non-Parenchymal Cells Mix.

Storage & Shelf Life

Upon receipt, store the NPCs Mix Maintenance 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.