

Human Hepatocyte Culture Medium (Ready to use) Datasheet

Product Information

Cat. No.	Product Description	Size	Store at
HTS-R-100	Hepatocytes Thawing Medium (Ready to use)	100mL	2-8°C
HPM-R-100	Hepatocytes Plating Medium (Ready to use)	100mL	2-8°C
HMM-R-250	Hepatocytes Maintenance Medium (Ready to use)	250mL	2-8°C

Product Description

Human Hepatocyte Culture Medium (Ready to use) system comprises three specialized formulations: Hepatocytes Thawing Medium (Ready to use), Hepatocytes Plating Medium (Ready to use) and Hepatocytes Maintenance Medium (Ready to use). These media are specifically designed to work synergistically to support the thawing, plating, and long-term maintenance of primary human hepatocytes, ensuring optimal cell viability, functionality, and phenotypic stability throughout the culture process. Each component is meticulously formulated with high-quality ingredients to minimize batch-to-batch variation and maximize experimental reproducibility.

- **Thawing Medium:** a serum-enriched formulation that rehydrates and recovers cryopreserved primary human hepatocytes while maximizing post-thaw viability.
- **Plating Medium:** a serum-enriched medium that promotes initial attachment and spreading of thawed primary human hepatocytes onto Collagen I coated culture plates.
- **Maintenance Medium:** a fully-supplemented, buffered medium that sustains hepatic morphology, viability, and phase I/II metabolic activity during extended culture of primary human hepatocytes.

Storage & Shelf Life

Upon receipt, store Medium at 2-8°C, use within 1 month.

For the cell thawing procedure, please follow instructions in the **User Guide: Thawing and Plating Cryopreserved Human Hepatocytes**. It is recommended to use Human Hepatocyte Culture Medium (Ready to use) in combination with Collagen I Coated Culture Plate.

Hepatocyte Thawing Medium (Ready to use) Datasheet

Hepatocytes Thawing Medium (Ready to use)

Product Information

Cat. No.	Product Description	Size
HTS-R-100	Hepatocytes Thawing Medium (Ready to use)	100mL

Product Description

Hepatocytes Thawing Medium (Ready to use) is formulated to support post-thaw recovery and high viability of primary human hepatocytes. It is ready to use and already contains the nutrients required for cell recovery, so no additional supplements need to be added.

Storage & Shelf Life

Upon receipt, store at 2-8°C for up to 1 month. The thawing medium should be pre-warmed to 37°C prior to thawing cryopreserved human suspension and plateable hepatocytes.

Hepatocyte Plating Medium (Ready to use) Datasheet

Hepatocytes Plating Medium (Ready to use)

Product Information

Cat. No.	Product Description	Size
HPM-R-100	Hepatocytes Plating Medium (Ready to use)	100mL

Product Description

Hepatocytes Plating Medium (Ready to use) is formulated to promote rapid attachment and high viability of primary human hepatocytes. It is ready to use and already contains the nutrients required for cell plating, so no additional supplements need to be added.

Storage & Shelf Life

Upon receipt, store at 2-8°C for up to 1 month. The plating medium should be pre-warmed to 37°C prior to plating thawed human plateable hepatocytes.

Hepatocytes Maintenance Medium (Ready to use) Datasheet

Hepatocytes Maintenance Medium (Ready to use)

Product Information

Cat. No.	Product Description	Size
HMM-R-250	Hepatocytes Maintenance Medium (Ready to use)	250mL

Product Description

Hepatocytes Maintenance Medium (Ready to use) is formulated to preserve hepatic morphology and key metabolic functions of primary human hepatocytes. It is ready to use and already contains the nutrients required for cell maintenance, so no additional supplements need to be added.

Storage & Shelf Life

Upon receipt, store at 2-8°C for up to 1 month. Do not subject the medium to repeated freeze-thaw cycles. The complete medium should be pre-warmed to 37°C prior to culturing human suspension and plateable hepatocytes.