

AH1 Pooled Suspension CD1 Mouse Hepatocytes

Description and Applications

High quality mouse hepatocytes with authentic cell morphology.

These cells are suitable for assessing short-term metabolic studies and hepatic clearance assays. These cells enable *in vivo* correlations from *in vitro* data to form conclusions regarding a candidate drug's effect on the liver.

All animal cryopreserved suspension hepatocytes are prepared for using the same meticulous isolation and cryopreservation techniques as the human batches. Surgical material has been gently processed under stringently controlled conditions to yield the highest quality cells for reliable results.

Specifications

Number of Cells per vial	>5 million
Pathogen testing	Tested negative for HBV, HCV and HIV. No bacterial or fungal overgrowth
Viability	>80%
Monolayer formation	These cells do not form a monolayer.
Additives	Thawing medium, percolation medium
Metabolic-parameters tested	Phase I and Phase II enzyme activity

Shipping Stability and Storage

Shipping	Liquid nitrogen
Stability and Storage	Liquid nitrogen (stable for up to 12 months)

General Guidance for Handling and Use

- **Handling:** Cells should be transferred to liquid nitrogen storage immediately upon receipt.
- **Plating:** Cells should always be pipetted gently