

AH2 Pooled Suspension SD Rat Hepatocytes

Description and Applications

High quality Sprague Dawley rat 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