



PRIMARY HUMAN FRESH HEPATOCYTES

HEPATO CYTES
HUMAN



HEPATOCYTES USES FOR RESEARCH

Metabolism analysis

Drugs development

Toxicity assessments

Enzyme activity studies

- ✓ Access to Specific Donor demographics
- ✓ Weekly donations
- ✓ Assured Minimum Yield & Viability
- ✓ Available: Culture protocols and media
- ✓ Technical Customer Service

Human hepatocytes have become the ‘gold standard’ for evaluating hepatic metabolism and toxicity of drugs and other xenobiotics *in vitro*. Moreover, they are becoming utilized more extensively for many kinds of biomedical research, including a variety of biological, pharmacological and toxicological studies. For this reason, hepatocyte acquisition is now a critical step for research activities.

Primary Human Hepatocytes maintain their morphology and function over a long period of time. They are produced under rigorous QC Standards and supplied with:

- Demographic and clinical donor profile
- Viability and morphology assessment
- Culture protocols

Shipping conditions: 4°C

Categories:

- **HuFS:** Suspension
- **HuFP:** Plated (several formats)

Media Available:

- Plating (MHP)
- Maintenance (MHM)

Hepatocytes in suspensions are preferable for short-term studies whereas plated hepatocytes are more useful for long-term orientated studies

PLATED HEPATOCYTES – Analysis Certificate

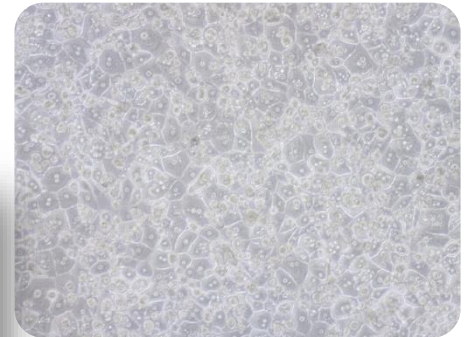
Plated hepatocytes must be light protected storage at 37°C, 5% CO₂ and 95% humidity.

- Overlay: 6/12/24/48/96 well
- No-Overlay: 6/12/24/48/96 well
- Other formats: customized isolations

DONOR DEMOGRAPHICS

Species	Sex	Race	Age	BMI	Smoker	Alcohol Use	Drug Use
Human	Male	Caucasian	69	23	No	No	No

Pathology	Medication	Serological Data
Colorectal cancer hepatic metastases	Enalapril	Tested negative less than 3 months before surgery



Plated Hepatocytes morphology 24h after seeding

SUSPENSION HEPATOCYTES – Analysis Certificate

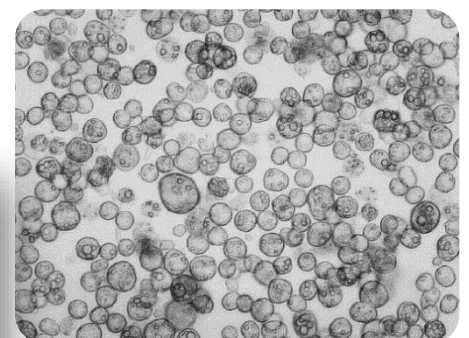
Fresh Hepatocytes in Suspension for use after arrival. Normally plateable* within 20-24 hours after isolation.

**Due to the logistics timing, plateability studies are not developed in these products.*

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Colorectal cancer hepatic metastases	Enalapril	Tested negative less than 3 months before surgery



Hepatocytes in suspension after 24h

For more information visit our Website or Contact us!

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