

## About SciKon Innovation, Inc.

SciKon is a Tissue Engineering company that integrates 'Theories and Practices' from a variety of scientific disciplines. One of our platforms is to develop new cell based products for the drug discovery market. SciKon is pioneering human cell culture products to evolve *in vitro* ADME – Tox research. Our discovery tools are formulated to better mimic the natural *in vivo* tissue environments. Acellular and cellular tissue engineered constructs are created for adherent-type tissues, such as the liver, with unique correlations to heterogeneous organ demographics.

SciKon's mission is to provide innovative culture platforms, high quality human primary cells, predictive model tools, and contract services to the biomedical research community.

## Cryopreserved Human Hepatocytes, Plateable Cell Lot

Cryopreserved hepatocytes enable off-the-shelf sources for metabolic studies and offer the advantages of increased availability, choice in donor, and repeatability due to large numbers of available cells. Compared to freshly isolated hepatocytes, cryopreserved cells retain similar functional activities, remain active in culture for several days, and can be used for repeat metabolism and toxicity studies.

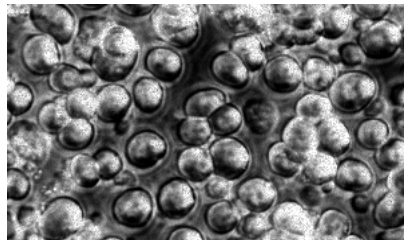
Routine availability of high quality cryopreserved hepatocytes is limited because of two major factors.

1. The scarcity of suitable human livers. Predictably, high quality and healthy human livers remain in the medical arena for transplantation, while non-transplantable livers are made available to drug development companies and disease research centers.

2. The difficulty that most cryopreserved hepatocyte lots do not attach well to tissue culture surfaces, even though a tremendous amount of research has been focused on optimizing tissue handling, processing, cell isolation and cryopreservation techniques.

## Recently Available Exceptional Cell Lot

A large lot of cryopreserved human hepatocytes is now available. This lot has been tested "in house" and by 3<sup>rd</sup> party researchers to confirm high viability, high plateability, and culture longevity greater than 7 days. A great product for repeat studies and comparative analysis.

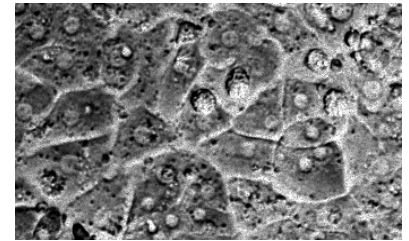


Post-thaw, seed time = "0"



Culture day 1

Cell Viability Post Thaw: > 80%  
Cell Plateability Post Thaw: > 95%



Culture day 7

## Unit Type and Cell Count

• Individual units are packaged and preserved in cryovials. Visually, unit size relationships are illustrated below. Cryovials are sealed with screwtop access.



• Post thaw, each unit contains > 2 million hepatocytes.

## Donor Parameters

Specifics: age 7-day, gender female, ethnicity caucasian, no alcohol use, non smoker.

Serologies: Mother tested non-reactive or negative for HIV.

### Cryopreserved Human Hepatocytes

Lot:	Cells per unit	Available units (vials)
H0213 - A	> 2 million	59

## Order Information

Lot #: H0213 - A  
Unit: Cryovial containing 2 million human hepatocytes.  
Price: \$245.00 USD / million cells  
Price: \$490.00 USD / vial  
Discounts: Available with bulk order