

Primary Hepatocytes: Cryopreserved Suspension

Species: Rat (Sprague-Dawley)

Number of Donors:

3

Catalog Number:

RTCS10

Lot Number:

RS978

Shipping / Storage Temperature: Below -135°C

Sample Information: Store using Vapor Phase Liquid Nitrogen

Volume: 1.5 mL

FOR RESEARCH USE ONLY. CAUTION: Not intended for human or animal diagnostic or therapeutic uses.

Users should treat all human and animal cells as potential pathogens. Wear protective clothing and eyewear. Practice appropriate disposal techniques for potentially pathogenic or bio-hazardous materials.

Contact the in-house Safety Officer for information on safe handling of human cell products, universal precautions, and for information on what to do in case of exposure. For recommended post exposure procedures, call the Centers for Disease Control (CDC) Information line at +1 800 232 4636.

ANIMAL DONOR INFORMATION

These cells were obtained from non-infectious, non-contagious, healthy animal(s).

Gender

Age

Male

7 weeks

POST-THAW RESULTS

Average Viability: 86 % in Williams E Media

Viable Cells/Vial: 6.79×10^6

METABOLIC ACTIVITY

Assay Not Applicable

The cell suspension per 37°C incubation is 0.5×10^6 cells/mL. Metabolic activities are determined by HPLC or LC-MS/MS analysis and recorded as pmol/ 10^6 cells/min.

Enzyme	Substrate	Conc (μ M)	Inc. Time (min)	Metabolite	Metabolic Activity
Phase I	7-Ethoxycoumarin	100	30	(ECOD) 7-Hydroxycoumarin (7-HC)	20.5
Phase II	7-Hydroxycoumarin	100	30	7-Hydroxycoumarin Glucuronide (7-HCG)	778
Phase II	7-Hydroxycoumarin	100	30	7-Hydroxycoumarin Sulfate (7-HCS)	183

The liver cells from lot RS978 were derived from tissue obtained from accredited institutions.

Quality Systems Department

13-May-20

Date