



HepaCur™ Human Hepatocytes

HepaCur™ Human Hepatocytes are isolated from the perfused livers of humanized FRG®KO mice. The freshly isolated hepatocytes are transported in HypoThermosol® FRS (BioLife Solutions®, Cat #: 101373) and ≥ 95% human (Cat #: 20-0003) with a viability of ≥ 70%. The cryopreserved hepatocytes are ≥ 95% human (Cat #: 20-0001) with a recovery of ≥ 5 million viable cells and a viability of ≥ 70%.

These products are prepared from mice (*Mus musculus*) following humanization of the liver with fresh or frozen human hepatocytes derived from cadavers. All human derived products should be treated as potentially infectious as testing methods cannot fully insure against transmission of infectious agents.

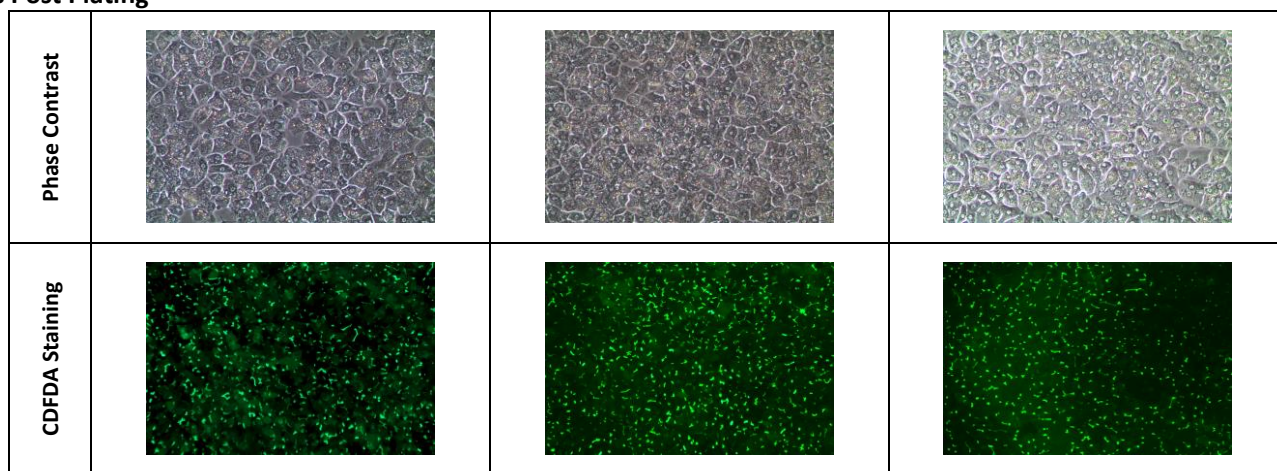
Donor: HHM13022, Human Donor Demographic Data			
Demographics		Serology	
Gender:	Female	EBV	IgG+
Age:	13 Years	RPR	Neg
Race:	Hispanic	CMV	Neg
Height (cm):	168	HepB	Neg
Weight (Kg):	70	HepC	Neg
Medication:	Zyrtec, Vit D, Ventolin PRN	HIV	Neg
Alcohol use:	None		
Tobacco use:	None	Cause of Death: Anoxia 2 nd to Asphyxiation s/p anaphylaxis.	
Drug use:	None	Other Information: Asthma dx 5 yrs ago, eczema on legs and arms, allergic to peanuts, shellfish, walnuts.	

Donor Characterization Results from Three Independent Lots: DFAL0002, YRAL0005, KPAL0004.

Induction		
Isoforms	Control Inducer	Mean Fold Induction mRNA (48 hours)
CYP1A2	Omeprazole, 50 µM	52.35
CYP2B6	Phenobarbital, 1000 µM	15.74
CYP3A4	Rifampicin, 25 µM	44.97

Purity (ICC)
99.23 %

5 Days Post Plating



Research Use Only:

These products are not approved for diagnostic or clinical procedures. Not for use in humans.