



HepaCur™ Fresh Human Hepatocytes

HepaCur™ Fresh Human Hepatocytes are isolated from the perfused livers of humanized FRG[®]KO mice. The freshly isolated hepatocytes are transported in HypoThermosol® Storage & Shipping Media (BioLife Solutions, Cat# 101373) and are ≥95% human with a viability of ≥ 70%.

These products are prepared from mice (*Mus musculus*) following humanization of the liver with 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.

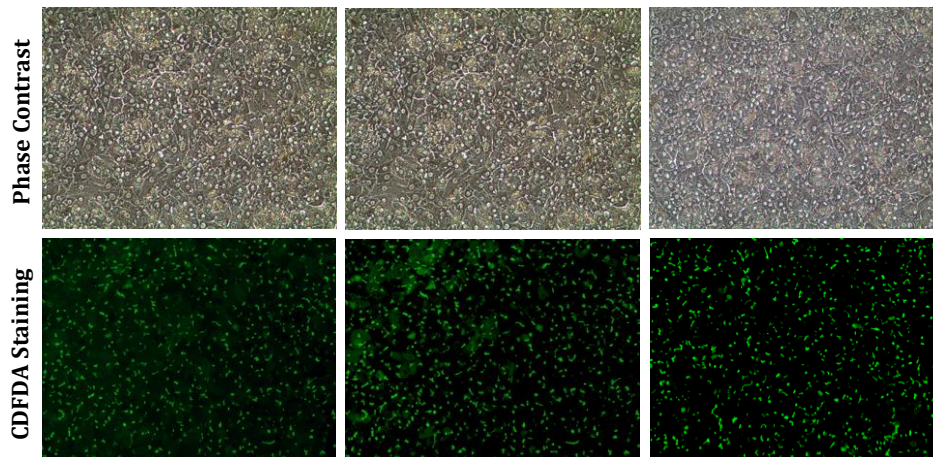
Donor: HHF13022, Human Donor Data			
Demographics		Serology	
Gender:	Female	EBV	NR
Age:	13 years	RPR	Negative
Race:	Hispanic	CMV	Negative
Height:	66"	HepB	Negative
Weight:	70Kg	HepC	Negative
Medication:	Zyrtec, Vitamin D, ventolin PRN	HIV	Negative
Alcohol use:	No		
Tobacco:	No		
Drugs:	No		
		Cause of Death:	Asthma diagnosed 5 years ago, eczema on legs and arms, allergic to peanuts.

Donor Characterization Results from three independent lots: DFAL0005, RTAL0001, RTAL0005

Induction		
Isoforms	Control Inducer	Fold induction mRNA (48 hours)
CYP1A2	Omeprazole, 50µM	76 ± 8
CYP2B6	Phenobarbital, 0.5mM	66 ± 14
CYP3A4	Rifampicin, 10µM	15 ± 4

Purity
99.23 ± 0.40%

5 days post plating



Research Use Only:
 These products are not approved for diagnostic or clinical procedures.
 Not for use in humans