

FOR RESEARCH USE ONLY. CAUTION: Not intended for human diagnostic or therapeutic uses. Users should treat all human cells as potential pathogens. Wear protective clothing and eyewear. Practice appropriate disposal techniques for potentially pathogenic or bio-hazardous materials.

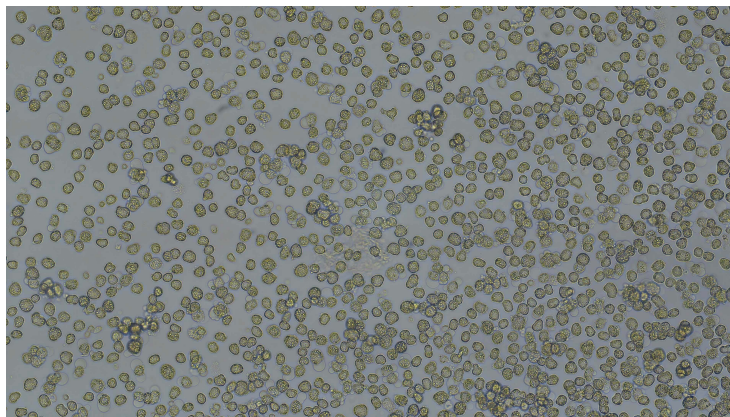
PRODUCT INFORMATION:

Product name: _____ Lot identifier: _____
 Post-thaw viability of \geq ____ % Contains a minimum of ____ x 10⁶ viable cells/mL
 Recommended thaw medium: _____

DONOR DEMOGRAPHICS:

Sex: _____ Age: _____ BMI: _____ Ethnicity: _____ COD: _____
 Donor negative for: HIV, HCV, HBV, RPR Culture negative for: Gram+, Gram-, Mycoplasm, Fungi

PLATING:



Lot _____ in suspension

METABOLIC ACTIVITY

ENZYME	SUBSTRATE	CONCENTRATION (μ M)	ENZYME ACTIVITY (<i>pmole/min/million cells</i>)
CYP1A2	Phenacetin	100	
CYP2B6	Bupropion	500	
CYP2C8	Amodiaquine	20	

METABOLIC ACTIVITY (cont.)

ENZYME	SUBSTRATE	CONCENTRATION (μ M)	ENZYME ACTIVITY (<i>pmole/min/million cells</i>)
CYP2C9	Diclofenac	25	
CYP2C19	S-mephenytoin	250	
CYP2D6	Dextromethorphan	15	
CYP3A4	Testosterone	100	
CYP3A4	Midazolam	20	
Phase I CYP	7-ethoxycoumarin	100	
SULT	7-hydroxycoumarin sulfation	100	
UGT	7-hydroxycoumarin glucuronidation	100	
AO	Zoniporide	100	

Hepatocytes in suspension (0.5 million/mL) were incubated with substrate at 37°C in 5% CO₂ and 90% humidity for 30 minutes, respectively. The concentrations of the metabolites were determined using LC-MS/MS methods.

The cells from this lot were derived from tissue obtained from accredited institutions. Consent was obtained by these institutions from the donor or the donor's legal next of kin, for use of the tissue and its derivatives for research purposes.



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VP, Research & Development

Date

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Donor Demographic Form

Donor Information

Age: 6 Ethnicity: Caucasian Sex: Male
 Height (cm): 109 Weight (kg): 20.1 BMI: 16.9
 COD: Head Trauma/Blunt Injury

Consent for Research confirmed through visual by AnaBios Coordinator (Yes or No): Yes

Past Medical History

Respiratory Disease No Yes
 Cardiac Disease No Yes
 Hypertension No Yes
 Neurological Disease No Yes
 Cancer No Yes
 Diabetes No Yes
 Liver Disease No Yes
 GI Disease No Yes
 Kidney Disease No Yes
 Urinary Tract Disease No Yes
 Tobacco No Yes
 Alcohol No Yes
 Drug Use No Yes
 Medication Home No Yes

Comments None.

Serology

	<u>(Yes/No)</u>	<u>Negative</u>	<u>Positive</u>		<u>(Yes/No)</u>	<u>Negative</u>	<u>Positive</u>
Anti – HCV	Yes	Negative	-	HBs Ab	No	-	-
Anti – HIV 1/2	Yes	Negative	-	HBs Ag	Yes	Negative	-
Anti – HTLV 1/2	Yes	Negative	-	RPR/STS/VDRL	Yes	Negative	-
CMV	No	-	-	HCV NAT	Yes	Negative	-
CMV IgG	Yes	-	Positive	HCV RIBA	No	-	-
CMV IgM	No	-	-	HIV NAT	Yes	Negative	-
EBNA	No	-	-	WNV IgM	No	-	-
EBV IgG	Yes	Negative	-	HBV	Yes	Negative	-
EBV IgM	Yes	Negative	-	Toxo	Yes	Negative	-
HBc Total	No	-	-	WNV NAT	Yes	Negative	-
HBc Ab IgG	Yes	Negative	-	Chagas	No	-	-
HBc Ab IgM	No	-	-	SARS-CoV-2	Yes	Negative	-

Authorized by:



 Signature

08-03-2022

 Date