



PLATEABLE HUMAN CRYOPRESERVED HEPATOCYTE INVENTORY

Plateable Metabolism Qualified - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCPM

Lot Data	Donor Demographics				Post-Thaw Assessment		Intrinsic Clearance (Cl _{int}) (μL/min/10 ⁶ cells)		
	Lot #	Gender	Race	Age	BMI	Viability	Yield (Million cells/vial)	CYP2C9	CYP2D6
HUM4012	Male	C	54	29	92	5.0	0**	1.7	4.3

Plateable, General Use - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCPG

Lot Data	Donor Demographics				Post-Thaw Assessment		Description
	Lot #	Gender	Race	Age	BMI	Viability	
HUM4150	Male	C	5	14.2	89	5.0	These lots exhibit a minimum of 85% confluency for a minimum of 5 days in culture.
HUM4157	Female	C	0	18.4	89.6	10.2	
HUM4211	Female	C	40	27.5	75.8	6.04	
HUM4226A	Male	C	5	12.5	75.8	5.2	
HUM4230	Male	C	26	20.6	76.4	11.4	

Plateable Induction Qualified - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCPI

Lot Data	Donor Demographics				Post-Thaw Assessment		Fold Induction (Specific Activity)			Fold Induction (mRNA)		
	Lot #	Gender	Race	Age	BMI	Viability	Yield (Million cells/vial)	CYP1A2	CYP2B6	CYP3A4	CYP1A2	CYP2B6
HUM4094	Male	C	15	0	80	5.1	53.6	147.2	34.1	27.5	22.6	21.2
HUM4097B	Female	C	53	35.1	94	5	86.4	6.0	16.2	29.5	5.4	11.4
HUM4108	Female	AA	42	35	93	7	32.4	29.8	24.8	211.1	28.5	34.9
HUM4115B	Female	C	15	18.9	83	9	19.5	27.9	45.5	115.9	9.5	61.9
HUM4115C	Female	C	15	18.9	88	9.5	31.9	22.91	25.1	TBD	TBD	TBD
HUM4118	Male	C	3	16.8	82	10	30.75	18.37	8.85	69.6	14.5	15.8
HUM4129	Male	C	0	16.12	88	9.1	19.72	31.91	37.15	18.8	6.0	45.7
HUM4133	Female	C	45	20.76	91	5.8	30.1	55.2	18.9	TBD	TBD	TBD
HUM4152	Male	C	18	24.3	82	6.9	29.3	30.2	23.3	261	21.4	61.5
HUM4182	Male	C	55	38	83	10	26.0	29.0	6.0	TBD	TBD	TBD
HUM4190	Male	C	26	22	81	7.2	23.0	11.0	6.0	TBD	TBD	TBD
HUM4192	Female	A	16	15.6	89	11	56.1	32.2	67.4	77	31	27.9
HUM4217	Female	C	17	23.3	90	5.4	93.1	18.6	71.5	N/A	N/A	N/A
HUM4224	Male	C	48	33.88	89.24	5.39	23.2	7.2	11.0	N/A	N/A	N/A
HUM4229	Female	C	61	31.8	88.3	7.9	24.6	14.7	10.5	NA	NA	NA
HUM4229A	Female	C	61	31.8	84.3	8.3	16.4	11.9	10.10	NA	NA	NA
HUM4233	Female	C	0	18.275	79.62	8.48	28.7	30.6	51.1	NA	NA	NA

SUSPENSION HUMAN CRYOPRESERVED HEPATOCYTE INVENTORY

Suspension Qualified - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCSD										
Lot Data		Donor Demographics			Post-Thaw Assessment		ECOD (pmol/min/10 ⁶ cells)			
Lot #	Gender	Race	Age	BMI	Viability	Yield (Million cells/vial)	Phase I Metabolism - Dose Substrate 7-EC		Phase II Metabolism - Dose Substrate 7-HC	
							7-EC Disappearance	7-HC Formation	7-HCS Formation	7-HCG Formation
HUM4024	Male	C	77	26	86	5	28.5	-	24.4	332.5
HUM4033	Male	C	36	33	89	9	133.4	-	19.9	79.5
HUM4035	Female	C	51	33	90	8.1	261.6	-	6.4	84.8
HUM4052	Female	AA	48	24.38	87	5	1273	-	16.36	942.3
HUM4058	Female	H	67	28	83	5	383.2	-	10.2	95.8
HUM4064A	Female	C	48	35.5	85	8.5	838	-	29.2	1981
HUM4064B	Female	C	48	35.5	85	6	1202	-	46.2	1118
HUM4068	Male	C	56	28.1	93	5	791	-	70.3	1098
HUM4069C	Male	C	30	25	85	5.1	2560	-	44	650
HUM4070B	Female	C	22	23.4	83	7.2	NA	19.0	13.5	670.7
HUM4070C	Female	C	22	23.4	81	6.7	NA	25.6	11.9	640.4
HUM4083	Female	C	46	28	86	5.5	915.98	N/A	14.13	622.74
HUM4092	Male	H	21	29.67	92	2.8	796.48	-	18.31	101.28
HUM4103	Female	C	46	32	81	5.1	1154.3		19.6	717.6
HUM4131B	Female	C	48	23.5	88	7.4	1046.33	N/A	22.56	460.67
HUM4208	Male	C	30	24	90	9.4				
HUM4212	Female	C	42	21	85	11.15				
HUM4220	Male	C	12	18.35	93	7.95				

Suspension Qualified - 10-donor Pooled Human - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCS10P										
Lot Data		Donor Demographics			Post-Thaw Assessment		ECOD (pmol/min/10 ⁶ cells)			
Lot #	Gender	Race	Age	BMI	Viability	Yield (Million cells/vial)	Phase I Metabolism - Dose Substrate 7-EC		Phase II Metabolism - Dose Substrate 7-HC	
							7-EC Disappearance	7-HC Formation	7-HCS Formation	7-HCG Formation
HUP1000	Mixed		N/A		90%	5.4	856.7		27.5	317.8
HUP1002	Male		N/A		83%	5.0		18.7	31.4	470.2

Suspension Qualified - 20-donor Pooled Human - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCS20P										
Lot Data		Donor Demographics			Post-Thaw Assessment		ECOD (pmol/min/10 ⁶ cells)			
Lot #	Gender	Race	Age	BMI	Viability	Yield (Million cells/vial)	Phase I Metabolism - Dose Substrate 7-EC		Phase II Metabolism - Dose Substrate 7-HC	
							7-EC Disappearance	7-HC Formation	7-HCS Formation	7-HCG Formation
HUP2000	Mixed		N/A		77%	6.5	889.2		50.4	871.6