



PLATEABLE HUMAN CRYOPRESERVED HEPATOCYTE INVENTORY

Triangle Research Labs - Now Part of Lonza

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	CYP3A4
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	Yield (Million cells/vial)			
HUM4111C	Male	C	27	31.6	86.1	9.3	These lots exhibit a minimum of 85% confluency for a minimum of 5 days in culture.		
HUM4150	Male	C	5	14.2	89	5.0			
HUM4157	Female	C	0	18.4	89.6	10.2			
HUM4180	Male	C	7	14.6	88.7	8.5			
HUM4187	Female	C	4	15	90	5.1			
HUM4188	Female	A	0	19	87	7.2			
HUM4211	Female	C	40	27.5	75.8	6.04			
HUM4221	Female	C	49	32.3	89.7	6.3			
HUM4226	Male	C	5	12.5	85.8	8.0			
HUM4226A	Male	C	5	12.5	75.8	5.2			
HUM4230	Male	C	26	20.6	76.4	11.4			
HUM4232	Male	C	32	21	82	10			

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	CYP3A4
HUM4055A	Female	C	54	26.3	93	6.1	28.8	18.5	7.7	15.4	13.4	12.2
HUM4055B	Female	C	54	26.28			22.8	19.6	4.7	14.2	6.7	9.6
HUM4055C	Female	C	54	26.28	95	4	21.8	15.3	4.7	6.5	8.1	12.7
HUM4056B	Male	AA	55	28.92	80	8.5	TBD	TBD	TBD	19.6	13.5	58
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
HUM4098	Male	C	24	22.8	89	5.6	TBD	TBD	TBD	13.8	6.6	78.4
HUM4104	Male	H	17	21	80	6.7	31.2	35.3	40.9	56.6	13.8	64.4
HUM4105A	Male	C	45	24.2	91	8	19.4	5.0	37.0	62.5	29.0	16.3
HUM4108	Female	AA	42	35	93	7	32.4	29.8	24.8	211.1	28.5	34.9
HUM4111A	Male	C	27	31.6	89	7.4	45	15.6	27.3	78.1	44.04	54.74
HUM4111B	Male	C	27	31.6	88	9.7	35.8	20.0	8.9	17.8	16.6	15.8
HUM4113	Male	C	29	27.5	90	9.5	21.4	21.9	29.5	89.5	18.8	158.4
HUM4115B	Female	C	15	18.9	83	9	19.5	27.9	45.5	115.9	9.5	61.9
HUM4118	Male	C	3	16.8	82	10	30.75	18.37	8.85	69.6	14.5	15.8
HUM4122A	Male	A	35	31	93	9	45.3	34.4	20.6	139.7	10.6	18.6
HUM4122B	Male	A	35	31	90	10.8	34.4	53.9	37.3	61.7	6.6	137.7
HUM4125	Female	C	0	20.77	89	8.1	38.0	62.1	20.5	29.2	11.2	81.9
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
HUM4145	Male	C	1	16.4	98	5.8	29.2	14.1	9.2	337.0	18.8	13.5
HUM4152	Male	C	18	24.3	82	6.9	29.3	30.2	23.3	261	21.4	61.5
HUM4167	Female	C	12	20.6	94	6.2	56.8	29.2	5.6	N/A	N/A	N/A
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
HUM4191	Male	C	27	30.5	91	5.8	16.1	11.4	53.6	496	15.9	77.6
HUM4192	Female	A	16	15.6	89	11	56.1	32.2	67.4	77	31	27.9
HUM4198	Male	C	3	14.4	88	7.7	53.0	86.0	27.0	TBD	TBD	TBD
HUM4204	Male	PC	28	25.6	97	7.2	61.6	24.5	25.3	TBD	TBD	TBD
HUM4217	Female	C	17	23.3	90	5.4	93.1	18.6	71.5	N/A	N/A	N/A
HUM4218	Male	C	19	15.1	87	7.4	117.7	30.5	57.0	NA	NA	NA
HUM4224	Male	C	48	33.88	89.24	5.39	23.2	7.2	11.0	N/A	N/A	N/A
HUM4225	Female	AA	24	21.9	90.6	8.2	34.5	63.7	40.1	NA	NA	NA
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
HUM4235	Female	C	0	16.1	89.1	8.39	67.2	22.2	64.2	NA	NA	NA
HUM4237	Female	C	25	25.8	83.6	12.14	21	26	25	N/A	N/A	N/A

Plateable Qualyst Transporter Certified™ - Minimum 5 Million Viable Cells Per Vial - Catalog Number HUCPQ

Lot Data		Donor Demographics			Post-Thaw Assessment		Transporter Activity		
Lot #	Gender	Race	Age	BMI	Viability	Yield (Million cells/vial)			
HUM4061B	Female	H	40	30.3	89	3.2	These lots have been certified by Qualyst Transporter Solutions for uptake and efflux transporter activity and use in the B-Clear® Assay. Please contact customer service, or visit our online inventory, for data sheets on these lots.		
HUM4075B	Female	C	38	15.2	87	6.6			
HUM4122D	Female	A	35	31	88	5.3			
HUM4180A	Female	C	7	14.6	90.6	7.1			

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
HUM4030	Male	C	75	28	93	6.1	365.7	-	25.5	135
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	AA	1	14.5	82	4	1202.4	N/A	22.4	69.4
HUM4121	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
HUM4171	Female	A	18	25.5	94	5.4	183.3	24.5	11.5	652.2

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