

## Plateable Animal Cryopreserved Hepatocytes

Lot Data			Post-Thaw Assessment				ECOD (pmol/min/10 <sup>6</sup> cells)			
Dog Hepatocytes - Single Donor										
Lot #	Species	Gender	Strain	Viability	Yield (Million cells/vial)	Plateable?	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
DGB147	Dog	Male	Beagle	90	8	Yes	1323.2		39.0	94.1
DGB149	Dog	Male	Beagle	84.3	6.59	Yes	1866.4		132.2	423.5
DGB155	Dog	Male	Beagle	98	5.5	Yes	907.7	N/A	76.1	1143.9
DGB169A	Dog	Male	Beagle	95	6.7	Yes	1758.6		334.9	636.1
DGB171	Dog	Male	Beagle	94	5.5	Yes	1028.7		113.7	614.7
DGB172	Dog	Male	Beagle	92	5.5	Yes	717.79	N/A	110.41	640.41
DGB184	Dog	Male	Beagle	91	9.5	Yes	N/A	622.26	71.03	362.10
Dog Hepatocytes - Pooled (n≥3)										
DGB178	Dog	Male	Beagle	92	6.3	Yes	N/A	264.5	94.5	527.0
Mouse Hepatocytes - Pooled (n≥3)										
MCD165	Mouse	Male	CD-1	94	5.9	Yes	N/A	187.0	115.0	2011.0
MCD172	Mouse	Male	CD-1	90	6.5	Yes	N/A	100.0	96.0	1187.0
MCD174	Mouse	Male	CD-1	90	5	Yes	N/A	99.8	64.1	2019.6
MCD176	Mouse	Male	CD-1	91	5.4	Yes	44.01	N/A	72.2	1931.7
MCD187	Mouse	Male	CD-1	84	8.3	Yes	1384.44	75.38	137.33	167.11
MCD198	Mouse	Male	CD-1	84.8	7.2	Yes	NA	302.7	55.3	679.8
MBL174	Mouse	Male	C57Bl/6	89	5	Yes	48.36	N/A	75.0	1732.0
MBL188	Mouse	Male	C57Bl/6	94	6.3	Yes	1464.00	120.6	53.2	382.2
MBL191	Mouse	Male	C57Bl/6	88.83	6.26	Yes	1271	68.58	143.78	145.11
MBL195	Mouse	Male	C57Bl/6	83.6	5.6	Yes	640.0	260.4	43.7	697.8
MBC102	Mouse	Male	Balb/C	93	6.3	Yes	N/A	97.0	135.0	3300.0
MBC103	Mouse	Male	Balb/C	92	8	Yes	N/A	73.0	190.0	3679.0
MXX107	Mouse	Male	B6C3F1	96	4.5	Yes	N/A	51.0	185.0	3652.0
MXX109	Mouse	Female	B6C3F1	93	8.8	Yes	N/A	29.7	154.2	777.7
Rat Hepatocytes - Pooled (n≥3)										
RSD199	Rat	Male	Sprague-Dawley	83	5.3	Yes	1388.8		131.1	42.1
RSD227	Rat	Male	Sprague-Dawley	89	5.3	Yes	1858.1		127.0	798.6
RSD297	Rat	Female	Sprague-Dawley	86	7.1	Yes	N/A	18.4	121.9	380.2
RWH127	Rat	Male	Wistar Han	86	7.4	Yes	327.4		100.0	1625.9
RWH129	Rat	Male	Wistar Han	88	7.6	Yes	1497.7		1435.2	507.2
RWH139	Rat	Male	Wistar Han	87	6.8	Yes	N/A	10.9	350.9	721.6
RWH142	Rat	Male	Wistar Han	83	5.3	Yes	N/A	16.8	213.9	343.4
RWI119	Rat	Male	Wistar	80	8.4	Yes	530.4		415.5	495.5
RWI136	Rat	Male	Wistar	91	6.9	Yes	1535.0		697.9	1608.8
Monkey Hepatocytes - Single Donor										
MKR103	Monkey	Female	Rhesus	90	9.1	Yes	2933.2		35.3	146.7
MKC119	Monkey	Male	Cynomolgus	95	8.5	Yes	2259.5		106.2	1281.3
MKC136	Monkey	Male	Cynomolgus	92	7.6	Yes	1101.75	149.7	104.8	298.1
Monkey Hepatocytes - Pooled (n≥3)										
MKC138	Monkey	Male	Cynomolgus	87.8	9.0	Yes	531.1	130.3	50.33	226.7

# Suspension Animal Cryopreserved Hepatocytes

Lot Data						ECOD (pmol/min/10 <sup>6</sup> cells)				
Lot #	Species	Gender	Strain	Viability	Yield (Million cells/vial)	Plateable?	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
<b>Dog Hepatocytes - Single Donor</b>										
DGB108	Dog	Male	Beagle	88	7.7	No	1517.8		112.1	729.2
DGB113	Dog	Male	Beagle	83	5.2	No	219.7		24.7	154.7
DGB118	Dog	Male	Beagle	92	10	No	394.1		40.8	258.4
DGB121	Dog	Male	Beagle	90	11	No	1281.3		327.4	1475.5
DGB123	Dog	Male	Beagle	86	4.2	No	618.5		177.8	511.9
DGB126	Dog	Male	Beagle	87	6	No	996.7		379.4	1680.3
DGB128	Dog	Male	Beagle	91	6	No	1373.8		41.7	322.4
DGB129	Dog	Male	Beagle	91	14	No	1429.2		134.6	388.6
DGB131	Dog	Male	Beagle	89	12	No	1834.4		107.0	1691.1
DGB136	Dog	Male	Beagle	95	6.5	No	903.0		155.7	1276.0
DGB138	Dog	Male	Beagle	86	7.3	No	1487	N/A	57.5	104.9
DGB140	Dog	Male	Beagle	97	14	No	1391.7	N/A	42.2	36.9
DGB144	Dog	Male	Beagle	85	19.9	No	1484.3		31.3	44.0
DGB154	Dog	Male	Beagle	92	7.8	No	1216.5		95.8	136.3
DGB160	Dog	Male	Beagle	94	7.8	No	1480.9		71.3	257.8
DGB168	Dog	Male	Beagle	94	10.7	No	1348.6		91.0	429.1
DGB170	Dog	Male	Beagle	93	6.9	No	1971.8		93.1	751.8
<b>Dog Hepatocytes - Pooled (n≥3)</b>										
DGB161	Dog	Male	Beagle	88	7.7	No	2608.2		158.2	773.5
DGB163	Dog	Male	Beagle	91	6.9	No	1625.2		136.4	579.0
DGB164	Dog	Male	Beagle	90	6.9	No	1654.3		146.0	1107.7
DGB165	Dog	Male	Beagle	86	7.8	No	1536.7		66.9	366.1
<b>Mouse Hepatocytes - Pooled (n≥3)</b>										
MCD171	Mouse	Male	CD-1	85	9.9	No	77.9	N/A	25.8	786.5
MCD192	Mouse	Male	CD-1	83.7	5.9	Yes	1588.9	250.4	48.96	655.1
MCD196	Mouse	Male	CD-1	84	6.2	Unknown	2088.9	222.2	43.1	508.0
MBL192	Mouse	Male	C57Bl/6	85.5	6.36	No	1342.22	82.89	130.44	412.00
<b>Rat Hepatocytes - Pooled (n≥3)</b>										
RSD115	Rat	Male	Sprague-Dawley	91	5.3	No	N/A	8.0	361.0	1107.0
RSD122	Rat	Male	Sprague-Dawley	80	5.8	No	N/A	12.0	261.0	441.0
RSD137	Rat	Male	Sprague-Dawley	85	7.9	No	N/A	15.0	81.0	169.0
RSD200	Rat	Male	Sprague-Dawley	85	5.2	No	985.0		419.4	840.1
RSD202	Rat	Male	Sprague-Dawley	91	6.4	No	1068.3		272.4	966.0
RSD235	Rat	Male	Sprague-Dawley	85	8.4	No	1863.0		396.2	1001.8
RSD242	Rat	Male	Sprague-Dawley	81	7.1	No	1866.6		345.8	825.7
RSD244	Rat	Male	Sprague-Dawley	80	6.5	No	1714.8		384.1	1084.9
RSD265	Rat	Male	Sprague-Dawley	80	8	No	N/A	13.6	221.4	791.3
RSD268	Rat	Male	Sprague-Dawley	81	8.3	No	N/A	15.0	294.0	777.0
RSD274	Rat	Male	Sprague-Dawley	80	5.2	No	1303.9		614.8	1133.3
RSD289	Rat	Male	Sprague-Dawley	81	7.2	No	869.9		344.7	697.0
RSD294	Rat	Male	Sprague-Dawley	81	4.3	No		8.9	269.6	532.8
RSD298	Rat	Male	Sprague-Dawley	81	7.2	No	15.33	N/A	220.55	532.80
GCRWH1003	Rat	Male	Wistar Han	84	7.6	No	630.8		108.1	41.9
RWH135	Rat	Male	Wistar Han	96	6.1	No	N/A	27.0	312.2	724.9
RWH137	Rat	Male	Wistar Han	84	10.1	No	734.7	N/A	416.2	790.8
RWH138	Rat	Male	Wistar Han	90	9.6	No	761.3	N/A	146.3	264.2
RWH140	Rat	Male	Wistar Han	90	6.8	No	N/A	14.3	301.2	959.7
<b>Monkey Hepatocytes - Single Donor</b>										
MKC118	Monkey	Male	Cynomolgus	93.5	6.0	Unknown	1562.1		83.2	818.9
MKC123	Monkey	Male	Cynomolgus	83	6.4	No	2293.6		214.7	1123.5
MKC142	Monkey	Male	Cynomolgus	92.2	8.9	No	670.0	244.78	51.33	200.22
MKC144	Monkey	Male	Cynomolgus	93.4	10.7	No	453.3	103.7	22.0	118.9
MKC146	Monkey	Male	Cynomolgus	94.5	5.9	No	443.3	121.0	43.2	187.7
MKR114	Monkey	Male	Rhesus	82.9	7.9	No	1102	276	40	97