

**LONZA**

# Plateable Animal Cryopreserved Hepatocytes

Triangle Research Labs – Now Part of Lonza

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%	8.0	Yes	1323.2		39.0	94.1
DGB149	Dog	Male	Beagle	86%	10.0	Yes	1866.4		132.2	423.5
DGB155	Dog	Male	Beagle	98%	5.5	Yes	907.7		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	717.8		110.4	640.4
DGB184	Dog	Male	Beagle	91%	9.5	Yes		622.3	71.0	362.1
Dog Hepatocytes - Pooled (n≥3)										
DGB178	Dog	Male	Beagle	92%	6.3	Yes		264.5	94.5	527.0
Mouse Hepatocytes - Pooled (n≥3)										
MCD165	Mouse	Male	CD-1	94%	5.9	Yes		187.0	115.0	2011.0
MCD172	Mouse	Male	CD-1	90%	6.5	Yes		100.0	96.0	1187.0
MCD174	Mouse	Male	CD-1	90%	5.0	Yes		99.8	64.1	2019.6
MCD176	Mouse	Male	CD-1	91%	5.4	Yes		44.0	72.2	1931.7
MCD187	Mouse	Male	CD-1	84%	8.3	Yes	1384.4	75.4	98.0	440.4
MBL166	Mouse	Male	C57Bl/6	88%	8.5	Yes		50.0	182.0	2998.0
MBL174	Mouse	Male	C57Bl/6	89%	5.0	Yes		48.4	74.6	1732.1
MBL188	Mouse	Male	C57Bl/6	94%	7.5	Yes	1464.0	120.6	53.2	382.2
MBL191	Mouse	Male	C57Bl/6	89%	6.3	Yes	1274.0	68.6	82.0	477.6
MBL195	Mouse	Male	C57Bl/6	83%	5.8	Yes	640.0	122.4	43.7	697.8
MBC102	Mouse	Male	Balb/C	93%	6.3	Yes		97.0	135.0	3300.0
MBC103	Mouse	Male	Balb/C	92%	8.0	Yes		73.0	190.0	3679.0
MXX107	Mouse	Male	B6C3F1	96%	4.5	Yes		51.0	185.0	3652.0
MXX109	Mouse	Female	B6C3F1	93%	8.8	Yes		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		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		507.2	1435.2
RWH139	Rat	Male	Wistar Han	95%	7.4	Yes		10.9	350.9	721.6
RWH142	Rat	Male	Wistar Han	83%	5.3	Yes		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%	7.0	Yes	2933.2		35.3	146.7
MKC136	Monkey	Male	Cynomolgus	92%	7.6	Yes	1101.8	149.7	104.8	298.1

# 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%	10.0	No	394.1		40.8	258.4
DGB121	Dog	Male	Beagle	90%	11.0	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%	6.0	No	996.7		379.4	1680.3
DGB128	Dog	Male	Beagle	91%	6.0	No	1373.8		41.7	322.4
DGB129	Dog	Male	Beagle	91%	14.0	No	1429.2		134.6	388.6
DGB131	Dog	Male	Beagle	89%	12.0	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	1487.0		57.5	104.9
DGB140	Dog	Male	Beagle	94%	12.0	No	1391.7		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
DGB187	Dog	Male	Beagle	83%	10.0	No	866.6	235.2	90.6	806.7
<b>Mouse Hepatocytes - Pooled (n≥3)</b>										
MCD171	Mouse	Male	CD-1	85%	9.9	No	77.9		25.8	7865.0
MCD192	Mouse	Male	CD-1	84%	6.3	No	1588.9	250.4	49.0	655.1
MBL192	Mouse	Male	C57Bl/6	89%	5.9	No	1342.2	82.9	130.4	412.0
<b>Rat Hepatocytes - Pooled (n≥3)</b>										
RSD115	Rat	Male	Sprague-Dawley	91%	5.3	No		8.0	361.0	1107.0
RSD122	Rat	Male	Sprague-Dawley	80%	5.8	No		12.0	261.0	441.0
RSD137	Rat	Male	Sprague-Dawley	85%	7.9	No		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%	8.0	No		13.6	221.4	791.3
RSD268	Rat	Male	Sprague-Dawley	81%	8.3	No		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	745.0
RSD298	Rat	Male	Sprague-Dawley	82%	6.0	No		15.3	220.6	532.8
GCRWH1003	Rat	Male	Wistar Han	84%	7.6	No	630.8		108.1	41.9
RWH135	Rat	Male	Wistar Han	96%	6.1	No		27.0	312.2	724.9
RWH137	Rat	Male	Wistar Han	84%	10.1	No	734.7		416.2	790.8
RWH138	Rat	Male	Wistar Han	90%	9.6	No	761.3		146.3	264.2
RWH140	Rat	Male	Wistar Han	90%	6.8	No		14.3	301.2	959.7
<b>Monkey Hepatocytes - Single Donor</b>										
MKC118	Monkey	Male	Cynomolgus	89%	5.2	No	1562.1		83.2	818.9
MKC119	Monkey	Male	Cynomolgus	90%	8.0	No	2259.5		106.2	1281.3
MKC123	Monkey	Male	Cynomolgus	88%	6.5	No	2293.6		214.7	1123.5