

# BD Gentest™ Metabolism-Qualified Human CryoHepatocytes - Donors Available as of August 3, 2010

Donor availability may change and differ from this chart. Call your local BD Representative for the latest information.

BD Lot No.	Donor No.	Donor Summary (gender/age/race)	Initial Percent Viability with Percoll™	Initial Recovery with Percoll (cells x 10 <sup>6</sup> )	Viability Time Course with Percoll			Initial Percent Viability without Percoll (One-Step Kit)	Initial Recovery without Percoll (cells x 10 <sup>6</sup> )	Metabolism Enzymes, Substrates, Activities								General UGT
					1 hour	2 hour	4 hour			CYP1A2	CYP2B6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP3A4	UGT2B7	
<b>Catalog No. 454503 Metabolism-Qualified Human CryoHepatocytes 2-5 million cells/vial (for suspension assays)</b>																		
4542865002	HH264	Female/76years/C	92	3.3	70	70	70	81	5.3	48	ND	410	410	6.2	28	620	160	330
4537969002	HH217	Female/65years/C	90	3.0	73	79	73	90	6.1	10	13	91	290	10	18	250	44	78
4542339002	HH258	Female/52years/C	90	2.4	68	66	64	72	9.8	16	ND	240	470	ND	32	320	83	120
52	HH127	Female/6years/C	87	4.1	70	62	60	70	8.2	10	15	210	220	94	30	230	150	200
149	HH231	Female/29years/C	87	2.3	75	70	64	75	5.0	0.84	TBD	95	93	3.3	20	40	170	760
4538092002	HH219	Female/82years/C	86	3.6	78	76	76	57	4.2	38	3.5	82	140	22	16	370	220	59
4538690002	HH223	Female/56years/C	86	2.9	70	67	63	64	5.6	21	0.82	79	160	0.32	6.0	210	38	42
4538959002	HH226	Female/54years/C	85	3.5	73	72	68	72	6.2	17	5.2	240	440	0.90	13	130	79	110
146	HH228	Male/46years/C	84	5.3	72	69	69	40	4.9	0	TBD	390	90	0.6	20	10	110	450
4538044002	HH218	Female/62years/C	81	4.0	61	60	56	67	6.9	41	NA	220	320	2.5	11	100	68	110
128	HH209	Female/23/AA	79	3	76	72	58	77	5.8	92	3	340	330	110	24	670	210	150
4541984002	HH254	Female/58years/C	79	3.3	69	66	64	58	4.6	ND	ND	210	170	2.1	6.0	230	120	220
4541736002	HH252	Female/52years/C	73	5.0	64	61	60	54	7.4	22	ND	400	160	15	14	410	120	190
116	HH197	Male/48years/C	77	2.6	72	52	60	52	6.5	0	10	160	280	2.5	10	40	160	180
121	HH202	Male/33years/C	86	3.6	66	59	55	56	6.2	43	1.1	260	260	2.9	44	190	110	130
135	HH217	Male/45years/C	78	4.7	65	69	74	55	3.0	3.4	54	71	200	5.1	76	120	180	580
180	HH263	Male/35years/C	83	3.87	78	73	75	63	7.5	60	TBD	760	330	TBD	5	330	140	420
95	HH177	Male/13 years/H	83	2.7	58	62	60	63	8.7	3.7	9.6	16	11	0.09	14	41	67	130
76	HH151	Female/56years/C	79	3.2	71	70	67	55	3.2	95	28	140	240	11	95	210	230	180
82	HH157	Male/66years/C	87	4.7	73	65	63	63	9.3	42	120	94	110	3.5	9.5	170	260	530
122	HH203	Female/46years/C	85	4.4	ND	ND	ND	69	4.4	15	0.26	160	230	69	14	150	190	220
123	HH204	Male/21years/H	84	4.4	ND	ND	ND	58	4.7	ND	32	140	100	1.6	23	62	160	130
132	HH213	Male/25years/C	86	2.6	ND	ND	ND	74	3.1	0	6.4	0	170	33	14	96	220	140
78	HH153	Male/21years/C	91	4.9	84	84	81	65	6.1	8.5	5.6	270	220	13	13	480	150	130
161	HH243	Male/52years/C	75	4.9	77	70	73	41	1.7	1.9	110	360	150	1.5	11	570	150	640
97	HH179	Male/76years/C	85	4.4	70	66	58	71	6.6	2	58	32	31	0.8	8	180	100	280
233	HM389	Male/63years/C	74	4.3	62	69	60	61	8.7	9.6	38	350	250	33	18	510	67	210
236	HF392	Female/60years/C	88	4.2	75	68	60	57	4.5	5.8	14	400	150	7.1	10	340	61	300
<b>Catalog No. 454504 Metabolism-Qualified Human CryoHepatocytes &gt;5 million cells/vial (for suspension assays)</b>																		
112	HH193	Female/51years/C	87%	5.5	67%	68%	58%	62%	7.9	1.5	130	450	320	3.4	6.5	700	87	470
134	HH216	Female/6years/C	87%	9.4	77%	75%	81%	78%	13	0	TBD	100	59	TBD	21	200	55	42
4542116002	HH256	Female/52years/C	84%	5.4	71%	72%	69%	81%	5.4	37	11	190	280	ND	21	280	77	190
154	HH236	Female/4years/C	82%	6.3	74%	77%	74%	78%	12.4	7.2	TBD	260	70	40	30	310	80	180
4532891002	HH195	Male/61years/C	81%	5.3	63%	57%	52%	71%	11	12	ND	150	210	0.90	11	120	73	56
145	HH227	Female/46years/C	80%	6.0	77%	68%	70%	64%	12	5.1	TBD	320	110	TBD	7.4	650	280	950
*124	HH205	Female/47years/C	77%	5.5	68%	74%	63%	89%	11.3	26	10	320	270	18	18	520	240	250
*157	HH239	Female/73years/C	86%	5.5	81%	80%	72%	58%	6.5	3.6	32	36	42	0.25	7.7	145	66	580
202	HF307	Female/28years/H	84%	6.4	66%	64%	56%	79%	12	15	23	330	360	0.33	23	210	73	200
214	HM330	Male/2years/C	87%	8.9	75%	63%	56%	63%	10	11	15	7.5	ND	0.24	2.4	49	23	10
*197	HF289	Female/65years/C	83%	5.8	74%	78%	65%	67%	7.6	16	0	360	200	4	30	130	73	330
*219	HM354	Female/67years/C	76%	7.7	67%	64%	63%	59%	8.1	7.5	6.7	73	360	12	17	130	100	190
221	HM360	Male/55years/C	80%	8	70%	66%	55%	53%	7.6	9.3	4.8	48	220	2.3	40	30	100	230
65	HH140	Male/41years/C	87%	5.3	84%	83%	81%	73%	7	10	23	210	170	3	ND	380	160	190
222	HF361	Female/9years/C	74%	6.5	67%	65%	53%	73%	14	31	3.3	140	560	38	20	130	77	250
225	HM370	Male/14years/C	80%	7.1	72%	68%	61%	73%	10	N/A	37	280	200	7.1	15	95	53	200
*241	HFC397	Female/46years/C	82%	8.7	83%	80%	80%	68%	13.3	13	49	480	250	36	62	600	140	650
242	HFC398	Female/7years/C	73%	7.7	60%	53%	52%	52%	7.6	15	34	240	88	44	15	110	51	210
247	HFH403	Female/71years/H	84%	12.4	60%	57%	60%	80%	7.4	7	26	39	260	2	23	35	76	180
251	HMC407	Male/56years/C	83%	5.1	71%	61%	63%	55%	8.6	0	9	180	320	1	22	110	83	190
268	HMC426	Male/37years/C	70%	6.3	55%	55%	53%	50%	8.4	35	260	470	540	39	53	510	140	360

\* Note: These lots are found to be plateable on collagen I, but not inducible by BD's criteria. Midazolam clearance (MDZ CL) has been measured at 1 day post plating for the lots listed in the box below.

BD Lot No.	24 hour plating confluency, %	MDZ CL, ml/hr/1 X 10 <sup>6</sup> cells
124	65	0.118
157	60	0.0832
197	85	0.0874
219	75	0.0845
241	90	0.2355

**Abbreviations**  
**AZT:** Azidothymidine  
**7-HC:** 7-Hydroxycoumarin  
**CYP:** Cytochromes P450  
**UGT:** UDP-Glucuronosyltransferases

**Race Key**  
**C:** Caucasian  
**AA:** African American  
**A:** Asian  
**H:** Hispanic  
**NA:** Native American

