

**BD Gentest™ Transporter-Qualified Human CryoHepatocytes - Donors Available as of December 4, 2008**

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

BD Lot No.	Donor #	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 Viability without Percoll (One-Step)	Initial Recovery without Percoll (cells x 10 <sup>6</sup> )	Metabolism Enzymes, Substrates, Activities										SLC Transporters, Substrate, Uptake		
					1 hour	2 hour	4 hour			CYP1A2	CYP2B6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP3A4	UGT2B7	General UGT	OATP	OCT1	NTCP	
										Phenacetin	Bupropion	Amodiaquine	Diclofenac	5-Mephenytoin	Bufuralolol	Testosterone	AZT	7-HC	Estrone-3-Sulfate	TEA	Taurocholate	
<b>Catalog No. 454426 Transporter-Qualified Human CryoHepatocytes 2-5 million cells/vial (for suspension assay)</b>																						
4521074000	HH127	Male/5 years/C	94	3.8	89	87	82	84	4.6	ND	0.92	87	84	35	70	190	140	36	27	3	6.5	
4522547000	HH145A	Male/69 years/C	93	4.3	87	80	78	78	8.5	23	6.2	91	110	0.45	15	170	150	89	59	4.7	5.0	
4520137000	HH120	Male/58 years/C	90	2.9	86	82	76	77	4.4	ND	0.34	120	400	2.9	15	120	100	78	35	11	3.1	
4543263002	HH269	Male/23 years/C	89	4.8	72	72	65	80	6.4	5.0	18	99	280	16	23	290	220	110	35	3.9	5.0	
4538291003	HH222	Female/48 years/C	89	2	79	80	82	82	2.5	7	1.40	ND	29	10	12.0	65	120	18	24	1.4	5.8	
4541029002	HH243	Female/32 years/C	88	4.7	83	77	72	73	7.1	11	1	60	130	13	90	430	170	32	39	3.8	5.8	
4548678002	HH304	Male/58 years/C	86	4.8	72	67	65	69	6.4	49	9.8	150	94	6.0	36	480	280	59	32	4.2	4.2	
4543196002	HH268	Female/54 years/C	86	4.4	81	77	72	80	7.1	40	2.7	150	260	26	13	1200	200	69	45	5.2	6.1	
4538816002	HH225	Male/42 years/C	86	3.4	83	80	77	67	4.6	7.0	13	120	190	0.70	11	570	200	110	48	4.7	5.0	
4532512002	HH193	Female/3 years/NA	85	5.3	76	70	67	71	5.6	ND	0.40	41	120	20	8.0	83	130	52	36	2.8	3.7	
4550473002	HH314	Male/26 years/AA	84	3.7	73	65	62	74	4.5	37	26	170	210	4.8	13	320	280	78	46	1.0	6.1	
4525010001	HH162	Male/42 years/AA	82	4.5	83	80	70	76	7.8	46	2.0	120	63	13	62	280	200	60	54	4.7	4.7	
4542980002	HH266	Female/61 years/C	80	4.8	65	63	60	63	4.4	ND	ND	210	350	4.5	21	840	90	160	47	8.8	5.5	

**Catalog No. 454427 Transporter-Qualified Human CryoHepatocytes >5 million cells/vial (for suspension assay)**

4524339002	HH157	Female/64 years/C	89	5.7	81	78	71	79	8.8	39	2.6	83	61	1.6	11	430	190	88	8.9	3.0	3.6
4535888003	HH209	Male/14 years/C	88	6.0	78	79	74	79	7.4	25	5.2	150	170	4.2	37	150	250	68	55	ND	7.2
4537593002	HH215	Female/3 Days/C	85	6.2	76	74	72	76	5.1	8	1.6	5.0	240	2.6	15	790	ND	91	39	2.2	4.4
4534583002	HH202	Male/11 months/H	85	5.3	85	78	74	78	4.0	ND	8.8	210	200	9.8	7.0	290	150	50	23	3.8	3.3
4535498002	HH206	Female/49 years/C	84	7.5	82	82	82	82	9.2	8.0	0.54	210	120	0.38	3.0	150	430	160	62	6.9	8.7
4550908002	HH318	Female/64 years/C	82	5.5	77	75	72	61	7.1	63	8.5	350	300	7.9	11	770	470	130	70	10	8.6
4521963000	HH139	Female/47 years/C	81	8.0	80	79	78	61	6.3	23	0.39	85	43	15	9.0	77	110	45	39	3.7	2.4

**Enzyme/Transporter Activity Units**

CYP, UGT Activity Units = pmol/min\*million cell;  
 SLC Transporter Uptake Activity Units = pmol/min\*million cell;  
 ND: Metabolite or uptake activity not detected

**Abbreviations**

AZT: Azidothymidine  
 7-HC: 7-Hydroxycoumarin  
 TEA: Tetraethylammonium Bromide  
 CYP: Cytochromes P450  
 UGT: UDP-Glucuronosyltransferases  
 OATP: Organic Anion Transporter Polypeptide  
 OCT: Organic Cation Transporter  
 NTCP: Sodium-Taurocholate Co-Transporter Peptide

**Race Key**

C: Caucasians  
 AA: African Americans  
 A: Asians  
 H: Hispanic  
 NA: Native Americans

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