

BD Gentest™ High/Low P450 Single Donor Human Liver Microsome (HLM) Panel

Lot No. (Donor No.)	Gender / Age / Race*	Cause of Death	Smoker	Medical History	Total P450	CYP1A2	CYP2A6	CYP2B6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP2E1	CYP3A4	CYP4A	FMO	UGT1A1	UGT1A4	UGT1A9
					Omura and Sato pmol/mg	Phenacetin O-deethylase	Coumarin 7-hydroxylase	(S)-Mephenytoin N-demethylase	Paclitaxel 6 α -hydroxylase	Diclofenac 4'-hydroxylase	(S)-Mephenytoin 4'-hydroxylase	Bufuralol 1'-hydroxylase	Chlorzoxazone 6-hydroxylase	Testosterone 6 β -hydroxylase	Lauric acid 12-hydroxylase	Methyl p-Tolyl Sulfide Oxidase	Estradiol 3-Glucuronidation	Trifluoroperazine Glucuronidation	Propofol Glucuronidation
Cat. No.: 452138 Package Content: 0.5 mL Protein Content: 20 mg/mL in 250 mM sucrose Storage: Store at -80°C																			
HG43	F / 23 / C	Open head trauma	N/A	N/A	250	570	460	21	26	1200	450	7.3	960	4800	2500	2300	520	520	1800
HH715	M / 46 / C	Anoxia	No	Recent HTN, brain tumor, exp lap for small bowel obstruction	96	570	400	15	100	3600	34	86	1700	4100	2700	2800	840	570	3000
HH741	M / 68 / C	Head trauma	No	Finger amputation >40 years prior	360	240	1500	58	140	5500	18	73	2900	7400	1800	2300	1400	500	2700
HH837	F / 52 / H	CVA	No	HTN 1 yr, medications unknown	400	880	1900	110	310	3900	100	91	1700	13,700	2100	2000	64	960	3400
HG18	M / 41 / C	Motorcycle accident	N/A	N/A	250	780	250	39	160	3300	41	130	1800	1950	2000	1300	570	520	2300
HG64	M / 63 / C	Cerebral vascular trauma	N/A	Coumadin	210	150	730	60	97	3600	29	160	2700	2100	2000	1900	690	570	680
HH37	M / 54 / C	Anoxia	N/A	Malaria in Vietnam, Darvocet	440	700	930	59	190	5400	19	250	4100	6200	2600	2000	1400	630	2300
HH581	M / 58 / C	Subarachnoid hemorrhage	1 ppd x40 years	COPD, emphysema, possible HTN, no meds	770	2100	810	33	100	4100	59	18	2000	5400	3100	3500	1600	620	2300
HG95	F / 47 / H	Closed head trauma	yes	N/A	220	220	180	9.3	93	2100	19	160	1800	650	670	1300	750	400	4000
HK37	F / 56 / C	Brain hemorrhage	N/A	HTN, diabetes	260	710	460	17	160	1400	69	130	1700	2500	2200	3600	920	470	5500
HH13	M / 55 / A	Aneurysm	N/A	HTN, arthritis	180	520	250	74	380	1900	2.4	120	2000	890	830	650	2600	250	6400
HG3	F / 30 / C	Glioblastoma	N/A	N/A	190	110	1600	38	390	1400	19	94	1900	4500	1100	4100	360	890	7200
HH18	F / 78 / AA	CVA	N/A	HTN, NIDDM, asthma, arthritis	370	810	1100	32	180	3900	23	28	1200	12,000	600	2800	2500	910	5600

Preferred CYPs with low activity

Preferred CYPs with high activity

* C= Caucasian, H= Hispanic, A= Asian, AA= African American

Note: All donors in the single donor panel are targeted for a low correlation (< 0.5) between any two CYP activities.

Additional selections for high/low single donor HLMs with specific CYP activities can also be chosen from the allelic variant donor panel at bdbiosciences.com/admetox.

To place an order in the U.S., contact Customer Service at:
tel: 877.232.8995; fax: 800.325.9637 or 858.812.8889
and specify BD Cat. No. and Lot. No.

For technical assistance, contact Technical Support at:
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