

**Data Set Name: NHLBI Umbilical Cord Blood Unit Collection Specimen Characterization Data**

Obs	Num	Variable	Type	Len	Pos	Format	Informat	Label
1	2	A1	Char	100	768	100.	100.	HLA A-1
2	3	A2	Char	100	868	100.	100.	HLA A-2
3	13	ANCC	Num	8	32	5.1	5.1	Auto NCC - pre
4	4	B1	Char	100	968	100.	100.	HLA B-1
5	5	B2	Char	100	1068	100.	100.	HLA B-2
6	17	BTABO	Char	1	1382			Blood type
7	18	BTPH	Char	1	1383			Blood Rh
8	68	CBCPMT36	Char	1	1394	\$YESNO.		Processed >36 hrs
9	66	CBVLT60	Char	1	1392			Cord blood vol <60c
10	168	CD19M56P	Num	8	720	5.1	5.1	CD19-/CD56+ CD16+
11	167	CD19P56M	Num	8	712	5.1	5.1	CD19+/CD56- CD16-
12	169	CD19P56P	Num	8	728	5.1	5.1	CD19+/CD56+ CD16+
13	170	CD19PTOT	Num	8	736	10.1	10.1	Total CD19+
14	131	CD34EA	Num	8	424	6.	6.	CD34+ events acquir
15	135	CD34NPUL	Num	8	456	7.1	7.1	# CD34+ cells/ $\mu$ L
16	132	CD34RBA	Num	8	432	6.	6.	CD34+ ref beads acq
17	133	CD34TBA	Num	8	440	6.	6.	CD34+ tot beads add
18	136	CD34TOT	Num	8	464	10.1	10.1	Total CD34+ cells i
19	149	CD38EA	Num	8	568	6.	6.	34+/38+ events acqu
20	151	CD38NUL	Num	8	584	7.1	7.1	34+/38+ #/ $\mu$ L
21	150	CD38PCT	Num	8	576	6.2	6.2	34+/38+ % not expr
22	145	CD38PEA	Num	8	536	6.	6.	34+/38- events acqu
23	147	CD38PNUL	Num	8	552	7.1	7.1	34+/38- #/ $\mu$ L
24	146	CD38PPCT	Num	8	544	6.2	6.2	34+/38- % not expr
25	148	CD38PTOT	Num	8	560	10.1	10.1	34+/38- total CD34+
26	152	CD38TOT	Num	8	592	10.1	10.1	34+/38+ total CD34+
27	155	CD3EA	Num	8	616	6.	6.	CD3+ events acquire
28	159	CD3NPUL	Num	8	648	7.1	7.1	# CD3+ cells/ $\mu$ L
29	158	CD3PCT	Num	8	640	6.2	6.2	% of CD45+ events
30	156	CD3RBA	Num	8	624	6.	6.	# Ref beads acquire
31	157	CD3TBA	Num	8	632	6.	6.	Total beads added
32	160	CD3TOT	Num	8	656	10.1	10.1	Total CD3+ cells
33	128	CD45C	Num	8	400	5.1	5.1	CD45+ count
34	127	CD45EA	Num	8	392	6.	6.	CD45+ events acquir
35	166	CD4M8MTO	Num	8	704	10.1	10.1	Total CD4-/CD8-

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36	162	CD4M8P	Num	8	672	5.1	5.1	CD4-/8+
37	161	CD4P8M	Num	8	664	5.1	5.1	CD4+/8-
38	163	CD4P8P	Num	8	680	5.1	5.1	CD4+/8+
39	164	CD4PTOT	Num	8	688	10.1	10.1	Total CD4+
40	171	CD56PTOT	Num	8	744	10.1	10.1	Total CD56+ CD16+
41	137	CD61EA	Num	8	472	6.	6.	34+/61+ events acqu
42	139	CD61NPUL	Num	8	488	7.1	7.1	34+/61+ #/ $\mu$ L
43	138	CD61PCT	Num	8	480	6.2	6.2	34+/61+ % expr 2nd
44	140	CD61TOT	Num	8	496	10.1	10.1	34+/61+ total CD34+
45	165	CD8PTOT	Num	8	696	10.1	10.1	Total CD8+
46	141	CD90EA	Num	8	504	6.	6.	34+/90+ events acqu
47	143	CD90NPUL	Num	8	520	7.1	7.1	34+/90+ #/ $\mu$ L
48	142	CD90PCT	Num	8	512	6.2	6.2	34+/90+ % expr 2nd
49	144	CD90TOT	Num	8	528	10.1	10.1	34+/90+ total CD34+
50	55	COLL_WT	Num	8	344	3.	3.	Collection weight
51	71	CPFSPEC	Char	50	1397			Other specify
52	63	CRFTOK	Char	1	1389	\$YESNO.		Cont Rate Frzer Tra
53	19	DANCC	Num	8	64	5.1	5.1	Auto NCC - post
54	21	DHEMATO	Num	8	80	4.1	4.1	Hematocrit - post
55	130	DILUTION	Num	8	416	4.1	4.1	Dilution Factor
56	110	DINAPPRO	Char	1	1633	\$YESNO.		Inappropriate for r
57	65	DLCBCB	Char	1	1391	\$YESNO.		Damaged bag
58	107	DMGT35	Char	1	1630	\$YESNO.		Mother 36, no good
59	106	DMLT18	Char	1	1629	\$YESNO.		Mother less than 18
60	108	DOT3VUC	Char	1	1631	\$YESNO.		Other than 3-vessel
61	23	DPCTMONO	Num	8	96	3.	3.	% mononuclear cells-post
62	22	DPCTNE	Num	8	88	3.	3.	% nucleated eryth - post
63	60	DPCTRVMC	Num	8	368	5.1	5.1	% recovery mononucl
64	59	DPCTRVNC	Num	8	360	5.1	5.1	% recovery nucleate
65	20	DPCTVIA	Num	8	72	3.	3.	% Viability - post
66	125	DPEA	Num	8	376	6.	6.	Dye positive events
67	126	DPNCC	Num	8	384	5.1	5.1	Dye positive NCC
68	109	DPTPI	Char	1	1632	\$YESNO.		Placental tear, pus
69	6	DRB11	Char	100	1168	100.	100.	HLA DRB1-1
70	7	DRB12	Char	100	1268	100.	100.	HLA DRB1-2
71	51	GENDER	Char	1	1384	\$GENDER.		Infant Gender

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72	1	ISBTID	Char	16	752			Full ISBT CBU Id
73	96	M12ABTRN	Char	1	1619	\$YESNO.		M12 allogenic blood
74	100	M12HPJNH	Char	1	1623	\$YESNO.		M12 hepatit/jaundic
75	104	M12JAIL	Char	1	1627	\$YESNO.		M12 Incarcerated >7
76	102	M12LVVAC	Char	1	1625	\$YESNO.		M12 live virus vacc
77	105	M12MEDS	Char	1	1628	\$YESNO.		M12 meds last 4 wee
78	98	M12NEEDL	Char	1	1621	\$YESNO.		M12 accidental need
79	99	M12SEB	Char	1	1622	\$YESNO.		M12 someone elses b
80	103	M12SEX	Char	1	1626	\$YESNO.		M12 sex w/man -> w/
81	101	M12STD	Char	1	1624	\$YESNO.		M12 STD
82	97	M12TATTA	Char	1	1620	\$YESNO.		M12 Tatoo, acupuntu
83	69	M1CANCER	Char	1	1395	\$YESNO.		1st deg cancer
84	73	M1OSPEC	Char	50	1448			1st oth not appr Sp
85	72	M1OTHER	Char	1	1447	\$YESNO.		1st other not appr
86	74	MEBLOODD	Char	1	1498	\$YESNO.		Ext Blood disorder
87	76	MEHCOAGU	Char	1	1500	\$YESNO.		Ext Heritable coagu
88	75	MEHIMMUN	Char	1	1499	\$YESNO.		Ext Heritable immun
89	77	MEMETABO	Char	1	1501	\$YESNO.		Ext Metab/Stor dise
90	78	MEOTHER	Char	1	1502	\$YESNO.		Ext oth not appr
91	79	MEREASON	Char	100	1503			Ext oth not appr sp
92	81	MHCHAGBA	Char	1	1604	\$YESNO.		Mat chagas/babesios
93	82	MHCREUTZ	Char	1	1605	\$YESNO.		Mat CJD
94	80	MHJAUND	Char	1	1603	\$YESNO.		Mat jaundice
95	83	MHMALARI	Char	1	1606	\$YESNO.		Mat malaria
96	84	MHPXMALA	Char	1	1607	\$YESNO.		Mat exp to malaria
97	64	MIBLCB	Char	1	1390	\$YESNO.		Missing improper ba
98	93	MXAIDS	Char	1	1616	\$YESNO.		MEx AIDS or HIV Pos
99	87	MXBNGR2M	Char	1	1610	\$YESNO.		MEx Baby not genet
100	92	MXCLTTNG	Char	1	1615	\$YESNO.		MEx Clotting Fact C
101	86	MXCONSAN	Char	1	1609	\$YESNO.		MEx consanguinity
102	88	MXDMT	Char	1	1611	\$YESNO.		MEx Dura mater tran
103	90	MXDRUGS	Char	1	1613	\$YESNO.		MEx parenteral drug
104	85	MXFATHUN	Char	1	1608	\$YESNO.		MEx Ident father un
105	89	MXGROTEG	Char	1	1612	\$YESNO.		MEx Growth hormone
106	95	MXHIVO	Char	1	1618	\$YESNO.		MEx HIV-O regions
107	94	MXORGTRN	Char	1	1617	\$YESNO.		MEx Organ/tissue tr

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108	91	MXPROST	Char	1	1614	\$YESNO.		MEx Prostitution
109	61	NCTPD	Char	1	1387			# centrif to plasma
110	58	NCTRCD	Char	1	1386			# centrifug to red
111	70	OCPFP	Char	1	1396	\$YESNO.		Other collection pr
112	134	PCTCD45	Num	8	448	6.2	6.2	% of CD45+ events
113	129	PCTLYMCD	Num	8	408	5.1	5.1	% lymphocytes of CD
114	16	PCTMONO	Num	8	56	3.	3.	% mononuclear cells- pre
115	15	PCTNE	Num	8	48	3.	3.	% nucleated eryth - pre
116	14	PCTVIA	Num	8	40	3.	3.	% viability - pre
117	114	PMCSPEC	Char	50	1637			PMC Specify
118	115	RHTINR	Char	1	1687			HLA testing incompl
119	112	RIDTRNR	Char	1	1635	\$YESNO.		Inf dis results not
120	67	RLT60	Char	1	1393	\$YESNO.		Recovery <60% nc, 8
121	111	RPACG0	Char	1	1634	\$YESNO.		CFU-GM = 0
122	118	RPANTHBC	Char	1	1690	\$YESNO.		Anti-HBc
123	120	RPANTHCV	Char	1	1692	\$YESNO.		Anti-HCV
124	117	RPCMVIGM	Char	1	1689	\$YESNO.		CMV IgM antibody
125	121	RPHBSAG	Char	1	1693	\$YESNO.		HbsAg
126	122	RPHIV12	Char	1	1694	\$YESNO.		HIV-1/2
127	123	RPHIVP24	Char	1	1695	\$YESNO.		HIV p-24 antigen
128	124	RPHTLV	Char	1	1696	\$YESNO.		HTLV-I/II
129	113	RPMC	Char	1	1636	\$YESNO.		Positive microbial
130	116	RPSHH	Char	1	1688	\$YESNO.		Pos screen hemoglob
131	119	RPSYPH	Char	1	1691	\$YESNO.		Syphillis
132	62	SAP	Char	1	1388	\$YES.		Sterility assay per
133	28	TBFUE	Num	8	136	5.1	5.1	Total BFU-E x 10 <sup>5</sup>
134	153	TCD45	Num	8	600	6.	6.	Total CD45+ (Lymph
135	27	TCFUGEMM	Num	8	128	5.1	5.1	Total CFU-GEMM x 10 <sup>5</sup>
136	26	TCFUGM	Num	8	120	5.1	5.1	Total CFU-GM x 10 <sup>5</sup>
137	154	TLYM	Num	8	608	6.	6.	TLYM
138	172	TYPEDELI	Char	1	1697	\$TYPEDEL.		Type of delivery
139	56	UCPUNCT	Char	1	1385			# of umbilical cord
140	12	VOLCCB	Num	8	24	8.2	8.2	Volume+anticoagulant(ml)
141	57	VOLHETAD	Num	8	352	4.1	4.1	Volume of Hespan ad
142	53	bthwtgrp	Num	8	328	BTHWTGRP.		Birth weight group
143	48	cd19plus	Num	8	296			Total CD19+ x10e-7

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144	36	cd34pul	Num	8	200			CD34+ per ul
145	33	cd45tot	Num	8	176			Total CD45 cells x 10e-8
146	44	cd4plus	Num	8	264			CD3+/CD4+ x10e-7
147	49	cd56plus	Num	8	304			Total CD16+/CD56+ x 10e-7
148	45	cd8plus	Num	8	272			CD3+/CD8+ x10e-7
149	41	cfu	Num	8	240			Total CFU (x10e-6)
150	9	coll_yr	Num	8	0			Year of Collection
151	10	collmins	Num	8	8			Collection elapsed time
152	52	gestagrp	Num	8	320	GESTAGRP.		Gestational age group
153	24	hr_proc	Num	8	104			Hours in processing
154	25	hrcolpro	Num	8	112			Hours coll to processing
155	11	hrcolret	Num	8	16			Hours from collection to receipt
156	50	mothfath	Num	8	312	MOTHFATH.		Mother/Father ethnicity
157	34	newpc34	Num	8	184			Percent CD34+
158	54	primreas	Num	8	336	PRIMREAS.		Primary Reason for Discard
159	42	pul3	Num	8	248			CD3 per ul
160	8	status	Char	14	1368	\$CHAR14.		Category of CBU
161	47	t_cd4m8m	Num	8	288			Total CD3+/CD4-/CD8- x10e-7
162	46	t_cd4p8p	Num	8	280			Total CD3+/CD4+/CD8+ x10e-7
163	32	tmpost	Num	8	168			Post processing TMCC (x10e-8)
164	31	tmpre	Num	8	160			Pre processing TMCC (x10e-8)
165	30	tnpost	Num	8	152			Post processing viable TNCC (x10e-8)
166	29	tnpre	Num	8	144			Pre processing viable TNCC (x10e-8)
167	35	tot34	Num	8	192			Total CD34+ (x 10e-6)
168	38	tot38	Num	8	216			Total CD34+/CD38- x10e-4
169	37	tot61	Num	8	208			Total CD34+/CD61+ x10e-4
170	40	tot90	Num	8	232			Total CD34+/CD90+ x10e-4
171	39	tot38p	Num	8	224			Total CD34+/CD38+ x10e-4
172	43	tot3B	Num	8	256			Total CD3 (x10e-7)