Serum	1/9/1986	1/29/1986	7/25/1986	1/31/1986	2/15/1989	1/18/1990	4/26/1996	11/18/1997	9/14/1999
WBC	8.1	10.6	8.4	7.9	7.5	5.3	4.5	5	4.1
		4.8-10.8		4.8-10.8			4.3-11	4.3-11	4.3-11
RBC	4.35	4.5	4.01	4.24	4.7	4.63	4.2	4.3	4.46
				4.2-5.4			4.2-5.4	4.2-5.4	
HGB	13	13.3	11.9	12.6	14.2	14.3	13	13.3	13.8
				14pm2			12.0-16.0	12.0-16.0	
HCT	39.1	40.4	35.2	38.4	42.9	42.7	38%	37.9	40.8
				42pm5			38-47	38-47	
MCV	89	89	87	90	91.3	92.3	90.10	88.2	91
				90pm9			80-100	80-100	
MCH	30	29.5	29.7	29.5	30.2	30.9	30.70	30.8	30.9
				29pm2			26-33	26-34	
MCHC	33	33	34.3	32.9	33.1	33.5	34.10	34.9	33.8
				35pm2			31-36		
PLT					251	201	221.5	191	235
							150.0-375.0	150.0-375.0	
MPV					9.3	9.4			
RDW					11.9	12.3		11.4	11.7
NEUT%								62.3	55.8
								43-65	
LYMPH%					25.1	43.1	37.7	30	33.9
								20.5-45.5	
MONO%					3.7	6		6.2	8.2
								5.5-11.7	
GRAN%					71.2	50.9			
EOS%								1.4	1.6
								.0-2.9	
BA%								0.1	0.5
								.02-1	
NEUT#								3.1	
LYMPH#					1.9	2.3	1.7		
MONO#					0.3	0.3			
								2.2-4.8	
EOS#					6.3	2.7			
BA#									
GRAN#									
MID%									
RETI									
RETI, ABs									
RETI, COR									
RETIC IMMATURE frac									

Serum	9/25/2001	10/28/2002	7/10/2003	7/10/2003	10/19/2004	8/23/2005	5/1/2006	1/25/2007
WBC	3.1	3.7	3.2	3.2	3.5	3.8	3.9	3.8
	4.3-11	4.3-11	4.3-11	4.3-11	4.3-11	4.3-11	4.3-11	4.3-11
RBC	4.49	4.42	4.07	4.07	4.74	4.16	4.17	4.42
HGB	14.3	14	12.8	12.8	14.4	12.8	12.8	13.5
HCT	40.6	40.7	37.5	37.5	43	38.1	38	40.5
MCV	90	92	92	92	91	91.6	91.1	91.6
MCH	31.8	31.6	31.3	31.3	30.4	30.8	30.7	30.5
MCHC	35.2	34.3	34	34	33.5	33.6	33.7	33.3
PLT	186	213	184	184		191	200	219
MPV						10.6	10.3	11
								8.0-13.0
RDW	11.9	12.1	12.4		12		12.9	12.6
NEUT%	54.7	50.5	44.1	44.1	55.5	52.8	41.6	46.3
LYMPH%	29.6	37.8	40.4	40.4	33.1	30.4	42.5	40.2
MONO%	13.3	10.6	12.5	12.5	9.3	12.6	10	11.1
GRAN%								
EOS%	1.7	0.8	2.4	2.4	1.7	3.9	5.4	2.1
BA%	0.7	0.3	0.6	0.6	0.4	0.3	0.5	0.3
				.				
NEUT#						2.01	1.63	1.75
LYMPH#								
MONO#						0.48	0.39	1.52
EOS#						0.15	0.21	0.42
BA#						0.01	0.02	0.01
GRAN#								
MID%								
RETI								
RETI, ABs								
RETI, COR								
RETIC IMMATURE frac								

Serum	3/16/2007	5/17/2007	7/23/2007	8/13/2007	12/11/2007	3/24/2008
WBC	3.2	3.6	5.3	4.4	3.4	2.9
	4-11 K/cu mm	4-11 K/cu mm	4.5-10.9 K/cmm	4.0-10.5 x10e3/uL	4-10.5 x10e3/uL	4.5-10.9K/cmm
RBC	4.42	4.34	4.18	3.89	4	4.14
	3.8-5.3 M/cu mm	3.8-5.3 M/cu mm	4.1-5.5 M/cmm	3.80-5.10 x10e6/uL	3.80-5.10 x10e6/uL	4.1-5.5M/cmm
HGB	13.3	13.3	13.5	12.3	12.3	12.9
	11.5-15.3 g/dL	11.5-15.3 g/dL	13-16 g/dL	11.5-15.0 g/dL	11.5-15.0 g/dL	13-16g/dL
HCT	40.1	39.7	38.4	36.3	35.9	37.3
	34-45%	34-45%	39-48%	34.0-44.0%	34.0-44.0%	39-48%
MCV	90.7	91.5	92	93	90	90.2
	80-98 fL	80-98 fL	81-95 fl	80-89 fl	80-98 fL	81-95fl
MCH	30.1	30.6	32.3	31.6	30.8	31
		27-34 pg	26-34 pg	27.0-34.0 pg	27.0-34.0 pg	26-34pg
MCHC	33.2	33.5	35.1	33.9	34.2	34.4
		31.5-36.5 g/dL	31-37 g/dL	32.0-36.0g/dL	32.0-36.0g/dL	31-37g/dL
PLT	204	200	202	185	191	186
	140-400 K/cu mm	140-400 K/cu mm	140-400 K/cmm	140-415 x10e3/uL	140-415 x10e3/uL	140-400k/cmm
MPV	11.1	10.7	8.9			
	8-13 fL	8-13 fL	7.2-10.3 fl			
RDW	13.2	12.9	11.8	13.3	13.4	12.6
	11-16%	11-16%	11-16 %	11.7-15.0%	11.7-15.0%	11-16%
NEUT%	39.9		75.3	57	54	56
	37-80%		36-75 %	40-74%	40-74%	35-70%
LYMPH%	42	40.1	17.1	34	34	36
	20-45%	20-45%	20-45 %	14-46%	14-46%	15-40%
MONO%	14.7	10.4	6.7	8	11	6
	1-13%	1-13%	2-10 %	4-13%	4-13%	4-20%
GRAN%		47.2				
	37-80%	37-80%				
EOS%	3.1	2	0.2	1	1	2
	0-6%	0-6%	1-6 %	0-7%	0-7%	1-6%
BA%	0.3	0.3	0.7	0	0	
	0-2%	0-2%	0-2 %	0-3%	0-3%	
NEUT#	1.27	1.69		2.5	1.8	
	1.6-7.7 K/cu mm	1.6-7.7 K/cu mm		1.8-7.8 x10e3/uL	1.8-7.8 x10e3/uL	
LYMPH#	1.3	1.4		1.5	1.2	
	1-4.5 K/cu mm	1-4.5 K/cu mm		.7-4.5 x10e3/uL	.7-4.5 x10e3/uL	
MONO#	0.47	0.37		0.4	0.4	
	.1-1 K/cu mm	.1-1 K/cu mm		.1-1.0 x10e3/uL	.1-1.0 x10e3/uL	
EOS#	0.1	0.07		0	0	
	0-.7 K/cu mm	0-.7 K/cu mm		0.0-.4 x10e3/uL	0.0-.4 x10e3/uL	
BA#	0.01	0.01		0	0	
	0-.3 K/cu mm	0-.3 K/cu mm		0.0-.2 x10e3/uL	0.0-.2 x10e3/uL	
GRAN#						
MID%						
RETI						
RETI, ABs						
RETI, COR						
RETIC IMMATURE frac						

Serum	5/6/2008	5/9/2008	8/22/2008	10/8/2008	11/14/2008	1/2/2009
WBC	4.2	3.8	3.2	4.6	3.8	2.6
	4.0-11.0K/UL	4.5-10.9 K/cmm	4.5-10.9 K/cmm	4.5-10.9 K/cmm	4.5-10.9 K/cmm	4.5-10.9 K/cmm
RBC	4.36	4.29	4.34	4.48	4.17	3.98
	3.8-5.1 M/UL		4.1-5.5 M/cmm	4.1-5.5 M/cmm	4.1-5.5 M/cmm	4.1-5.5 M/cmm
HGB	12.9	13.2	13.3	13.7	13.1	12.6
	11.5-15.5 G/DL		13-16 g/dL	13-16 g/dL	13-16 g/dL	13-16 g/dL
HCT	39.1	38.3	38.7	40.1	36.9	35.7
	34.0-45.0%	39-48%	39-48%	39-48%	39-48%	39-48%
MCV	89.6	89.2	89.1	89.6	88.5	89.7
	80-100 fL		81-95 fl	81-95 fl	81-95 fl	81-95 fl
MCH	29.6	30.8	30.7	30.6	31.4	31.7
	27.0-34.0 PG		26-34 pg	26-34 pg	26-34 pg	26-34 pg
MCHC	33	34.5	34.4	34.2	35.4	35.3
	32.036.4 G/DL		31-37 g/dL	31-37 g/dL	31-37 g/dL	31-37 g/dL
PLT	194	194	200	229	175	177
	120-400 K/UL		140-400 K/cmm	140-400 K/cmm	140-400 K/cmm	140-400 K/cmm
MPV			8.3	7.9	9.1	7.9
			7.2-10.3 fl	7.2-10.3 fl	7.2-10.3 fl	7.2-10.3 fl
RDW	13.2	13.1	13.6	13.2	12.1	13.5
	11.0-15%		11-16%	11-16%	11-16%	11-16%
NEUT%	73	62.5	47.4	55.8	58.9	44
	40-74%		36-75%	36-75%	36-75%	36-75%
LYMPH%	18	29.7	37.8	34.3	29.9	40.1
	19-48%		20-45%	20-45%	20-45%	20-45%
MONO%	7	7	13.6	8.8	9.7	13.4
	3-11%		2-10%	2-10%	2-10%	2-10%
GRAN%						
EOS%	1	0.6	0.9	0.8	0.7	2.1
	0-7%					
BA%	1	0.2	0.3	0.3	0.8	0.4
	0-2%					
NEUT#						
LYMPH#						
MONO#						
EOS#						
BA#						
GRAN#						
MID%						
RETI						
RETI, ABs						
RETI, COR						
RETIC IMMATURE frac						

Serum	1/16/2009	5/14/2009	8/12/2009	8/24/2009	8/28/2009	9/9/2009	11/9/2009	1/12/2010
WBC	2.9	3	2.6	3.9	2.9	3.8	4.1	3.1
		4.5-10.9 K/cmm	4-11 K/UL					4-11 K/UL
RBC	4.36	4.11	4.22	4.04	4.07	4.3	4.05	
		4.1-5.5 M/cmm						
HGB	13.1	12.7	13.1	13	13.2	13.6	13	
		13-16 g/dL						
HCT	38.6	36.8	39.5	36.7	36.9	39.3	37.4	
		39-48%	39-48%	39-48%	39-48%	39-48%	39-48%	
MCV	88.5	89.7	93.6	90.8	90.8	91.2	92.4	
		81-95 fl						
MCH	30.1	30.9	31	32.2	32.4	31.5	32.1	
		26-34 pg						
MCHC	34	34.5		35.4	35.7	34.5	34.8	
		31-37 g/dL						
PLT	194	183	197	167	176	195	180	
		140-400 K/cmm						
MPV	8.5	7.9		7.7	8.3	8.7	7.4	
		7.2-10.3 fl						
RDW	12	13.1	13.1	12.3	11.6	12.2	13.3	
		11-16%						
NEUT%	46.5	47.3	43	58.2	42.3		51.7	
		36-75%						
LYMPH%	39.4	39.7	46	32.5	44.3	42	39	
		20-45%						
MONO%	12.1	11.8	9	8.2	11.3	8.2	8.3	
		2-10%						
GRAN%						48.5		
EOS%	1.3	0.8	2	0.7	1.4	0.7	0.5	
BA%	0.7		0	0.4	0.7	0.6	0.5	
NEUT#								
LYMPH#								
MONO#								
EOS#								
BA#								
GRAN#								
MID%								
RETI								
RETI, ABs								
RETI, COR								
RETIC IMMATURE frac								

Serum	02/09/10	03/22/10	05/12/10	08/10/10	10/7/2010	11/22/2010	2/14/2011
WBC	3.4	2.4	3.4	4.1	3.1	4.2	4.7
	4-10.8 UL	4-10.8 UL	3.8-10.8 K/uL	3.8-10.8 K/uL	3.8-10.8 K/uL	3.8-10.8 K/uL	3.8-10.8 K/uL
RBC	4.13	4.22	4.3	4.16	4.41	4.22	4.1
	4-10.8 UL		4.2-5.10 M/uL				
HGB	12.5	12.9	12.6	12.6	13.2	12.7	12.4
	12-16 g/dL		13.2-15.5 g/dL				
HCT	39.6	39	40.4	38.1	41.2	39	38.2
	37-47%		38.5-50.0%				
MCV	95.9	92.4	93.9	92	93	92.4	93
	82-92 fL		80-100 fL				
MCH	30.3	30.6	29.3	30.3	29.9	30.1	30.2
	27-31 pg		27-33 pg				
MCHC	31.6	33.1	31.2	33.1	32	32.6	32.5
	32-36 g/dL		32-36%				
PLT	194	171	236	214	218	223	
	140-440		140-400 K/uL				
MPV	11.1	11				10.7	
	9.7-11.5 fl						
RDW	12.8	12.3		13.1	12.7	12.4	12.8
	12.7-14.5%						
NEUT%	54.1	39.9		53	43	49.3	
	45-85%						
LYMPH%	34.2	46.1	38.1	37	46	39.5	
	10-50/uL		15-41%				
MONO%	10.8	11.5		9	10	10	
	0-10%						
GRAN%			54.2				
			45-65%				
EOS%	0.9		2.1	1	1	1	
	0-7.0%						
BA%	0		0.4	0	0	0.2	
	0-3%						
NEUT#	1.85	0.97		2.2	1.3	2.07	
	2.40-7.70 *10^3 /uL						
LYMPH#	1.17	1.12		1.5	1.4	1.66	
	1-4.3/uL						
MONO#	0	0.28		0.4		0.42	
	0-10/uL						
EOS#	0.03	0.05		0.1	0.3	0.04	
	0-.4/uL						
BA#	0	0.01		0	0	0.01	
	0-3/uL						
GRAN#							
MID%							
RETI							
RETI, ABs							
RETI, COR							
RETIC IMMATURE frac							

Serum	3/8/2011	03/22/11	03/29/11	04/21/11	05/03/11	06/09/11	6/24/2011	7/21/2011
WBC	3.3	3.3	3.2	2.9	3.1	2.8	3.9	2.8
	3.8-10.8 K/uL	3.8-10.8 K/uL	3.8-10.8 K/uL					
RBC	4.31	4.46	4.27	4.32	4.15		4.16	4.1
HGB	13.1	13.6	12.9	13.2	12.9		13.1	12.9
HCT	40	41.8	40	40.7	38.1		39.2	38.1
MCV	93	94	94	94	92		94.3	93
MCH	30.4	30.5	30.2	30.6	31		31.5	31.4
MCHC	32.8	32.5	32.3	32.4	33.8		33.4	33.8
PLT					191		216	212
MPV					7.8			8.8
RDW	13	13.3	13.5	13.2	13.9			
NEUT%							38.3	
LYMPH%					37.2		38.3	
MONO%					5.5		10.4	
GRAN%					57.3			
EOS%							0.9	
BA%							0.5	
NEUT#							1946	
LYMPH#					1.1		1494	
MONO#					0.1		406	
EOS#							35	
BA#							20	
GRAN#					1.9			
MID%								
RETI								
RETI, ABs								
RETI, COR								
RETIC IMMATURE frac								

Serum	8/30/2011	9/30/2011	11/4/2011	3/1/2012	6/7/2012	7/2/2012	7/6/2012	8/22/2012	12/13/2012
WBC	3.5	4.9	7.4	3.2	3.6	2.9	3.1	3.9	5.2
							4-10.8	4-10.8	
RBC	4.11	4.27	4.3	4.31	4.22	4.2	4.05	4.32	4.14
							4.2-5.40	4.2-5.40	
HGB	12.9	13.4	13.4	13.2	12.8	13	12.3	13.1	12.6
HCT	38.3	39.3	39.3	40	38.5	38.5	37.2	39.5	40.3
MCV	93	92	92	93	91.2	92	91.9	91.4	97.3
MCH	31.5	31.4	31.2	30.8	30.3	31	30.4	30.3	30.4
MCHC	33.8	34.2	34.1	33.1	33.2	33.8	33.1	33.2	31.3
PLT	193	236	230	196	209	201	185	190	180
MPV	7.8	8.3	8.1	8.4	11.1	8.1	11.1	11	11.6
RDW			14		12.90%	14.7	12.8	12.8	14.2
NEUT%					46.1		45.7	47.1	63
LYMPH%	37.9	28.1	18.8		39.2		39.6	39.8	27.9
MONO%	10.1	10	7.2		12.7		12.5	11.6	7.9
							0-10.0	0-10.0	
GRAN%	52	61.9	74						
EOS%					1.4		1.9	1	1
BA%					0.6		0.3	0.5	0.2
NEUT#			64		1.67		1.43	1.83	3.28
							2.4-7.7	2.4-7.7	
LYMPH#	1.3	1.3	1.3		1.42		1.24	1.55	1.45
MONO#	0.3	0.4	0.5		0.46		0.39	0.45	0.41
EOS#					0.05		0.06	0.04	0.05
BA#					0.02		0.01	0.02	0.01
GRAN#	1.9	3.2	5.6						
MID%									
RETI									
RETI, ABs									
RETI, COR									
RETIC IMMATURE frac									

Serum	1/24/2013	4/22/2013	5/30/2013	7/19/2013	9/19/2013	10/17/2013	1/20/2014
WBC	3.4	4.9	3.4	4.3	3.4	4.3	4.3
					3.8-10.8 K/uL	4.5 - 11.0 10E3/uL	3.8-10.8 K/uL
RBC	4.44	4.35	3.88	4.23	4.19	4.23	4.1
					4.20-5.10 M/uL	3.80 - 5.30 10E6/uL	4.20-5.10 M/uL
HGB	14.2	13.4	12.8	13.6	13.6	13	12.9
					13.2-15.5 g/dL	11.7 - 16.0 g/dL	13.2-15.5 g/dL
HCT	40.8	41.8	36.9	39.8	39.2	39.5	38
					38.5-50.0%	35 - 47 %	38.5-50.0%
MCV	91.8	96.1	95	94	93.6	93	92.7
					80-100.0 fL	81 - 101 fL	80-100.0 fL
MCH	32	30.8	33	32.2	32.5	30.7	31.5
					27.0-33.0 pg	27 - 34 pG	27.0-33.0 pg
MCHC	34.8	32.1	34.7	34.2	34.7	32.9	33.9
					32.0-36.0%	31.0 - 36.0 g/dL	32.0-36.0%
PLT	185	194	205	179	222	193	225
					140-400 K/uL	150 - 450 10E3/uL	140-400 K/uL
MPV		11.6			47.5	10.9	
					45.0-65.0%	8.6 - 11.7 fl	
RDW		13.9				13	
						11 - 16 CV	
NEUT%		59.8				56	
						36 - 78 %	
LYMPH%	44.1	28.6	49.3	36.8	40.4	31	30.6
					15.0-41.0%	24 - 44 %	15.0-41.0%
MONO%	10.9	9.6				11	
						0 - 10 %	
GRAN%	45		40	53.7	47.5		59.1
					45.0-65.0%		45.0-65.0%
EOS%		1.8				1	
						0 - 6 %	
BA%		0.2				1	
						0 - 1 %	
NEUT#		2.92				2.41	
						1.8 - 7.7 10E3/uL	
LYMPH#		1.4				1.34	
						1.0 - 4.8 10E3/uL	
MONO#		0.47				0.48	
						0.0 - 0.8 10E3/uL	
EOS#		0.09				0.05	
						0.0 - 0.7 10E3/uL	
BA#		0.01				0.02	
						0.0 - 0.2 10E3/uL	
GRAN#							
MID%			10.7	9.5	12.1		10.3
			2-8%		2.0-8.0%		2.0-8.0%
RETI						1.3	
RETI, ABs						0.056	
						0.033 - 0.1333 10E6/uL	
RETI, COR						1.2	
						0.5 - 1.5 %	
RETIC IMMATURE frac						3.7	

Serum	2/13/2014	8/11/2014	8/14/2014
WBC	4.8	5	4.5
	4.0-10.8	4.5-11.0 10E3/uL	
RBC	4.02	4.3	4.11
	4.20-5.10 M/uL	4.2-5.40 M/uL	
HGB	12.3	13.1	13.2
		11.7-16.1 g/dL	
HCT	37.5	40	38.2
		35 - 47 %	
MCV	93.3	92.9	92.9
		80.0-102.0 fL	
MCH	30.6	30.4	29.9
		27 - 34 pG	
MCHC	32.8	32.7	32.2
		32.0-36.0 g/dL	
PLT	186	203	197
		150 - 450 10E3/uL	
MPV	11.4	7.9	11.4
		8.6 - 11.7 fl	
RDW	12.9	11.5	12.7
		11 - 16 CV	
NEUT%	63.4	60	57.8
		36-74	
LYMPH%	27.5	27	28.1
		24 - 44 %	
MONO%	7.8	9	9.9
		0 - 10 %	
GRAN%			
EOS%	1.1	3	3.8
		0 - 6 %	
BA%	0.2	1	0.4
		0 - 1 %	
NEUT#	3.02	3	2.57
		1.80-8.00 K/uL	
LYMPH#	1.31	1.33	0.44
		0.20-5.20 K/uL	
MONO#	0.37	0.47	0.44
		0.00-0.90 K/uL	
EOS#	0.05	0.13	0.17
		0.00-0.40 K/uL	
BA#	0.01	0.06	0.02
		0.00-0.20 K/uL	
GRAN#			
MID%			
RETI			
RETI, ABs			
RETI, COR			
RETIC IMMATURE frac			