

Protocol: CD45-4-19-14.PRO

Sample ID: 270390

Runtime Results

User ID: ZENG

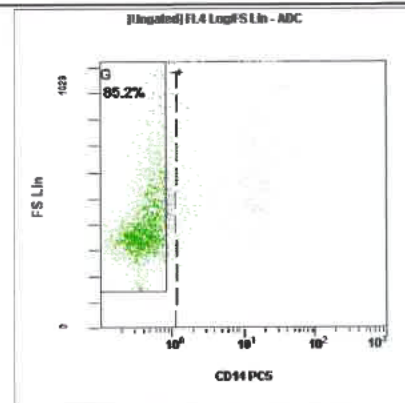
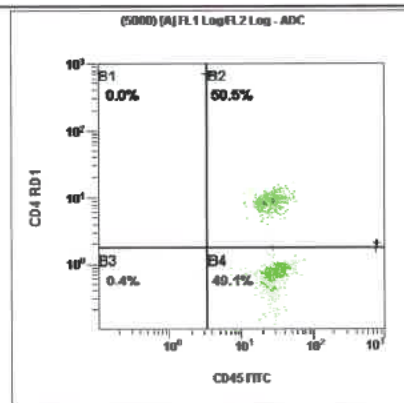
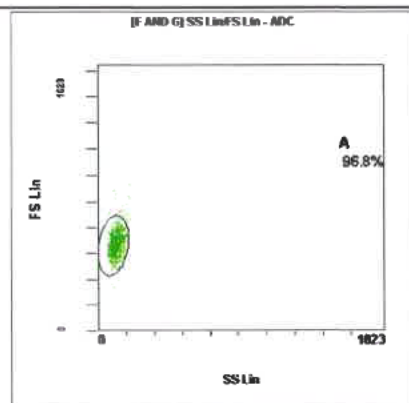
Analysis Date: 30-Oct-2012, 11:26:28

Acquisition Time/Events: 13.1s / 6452 (MANUAL)

Settings File: WASHED VAMC 4C1L settings.pro, 30-Oct-2012, 10:56:15

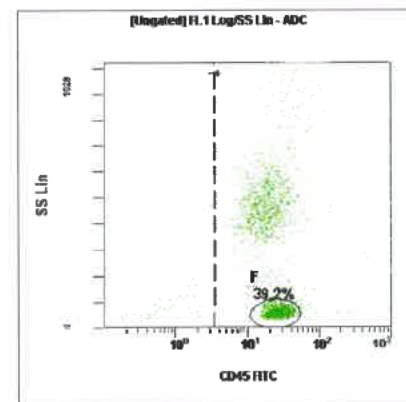
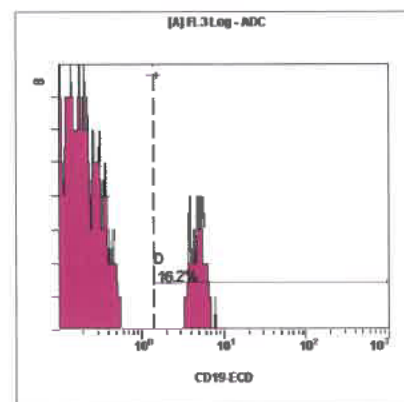
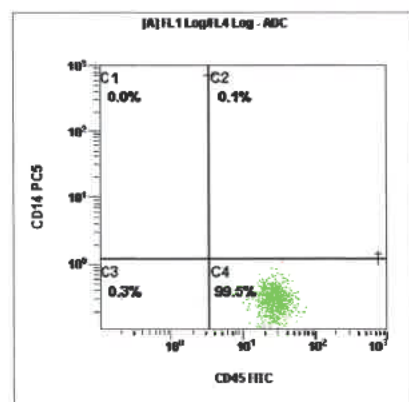
Tube ID: NoRead

Listmode File: 270390 00055112 1126 001.LMD



(5000) [A] FL1 Log/FL2 Log

Region	Number	%Gated
ALL	2543	100.000
B1	0	0.000
B2	1285	50.531
B3	9	0.354
B4	1249	49.115



[A] FL1 Log/FL4 Log

Region	Number	%Gated
ALL	2543	100.000
C1	1	0.039
C2	3	0.118
C3	8	0.315
C4	2531	99.528

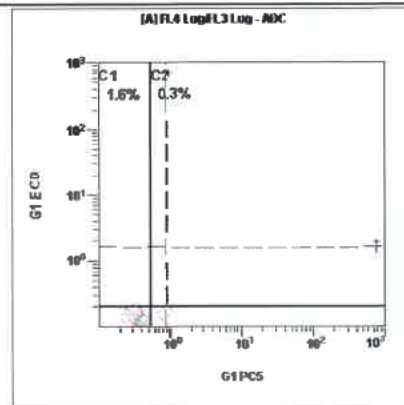
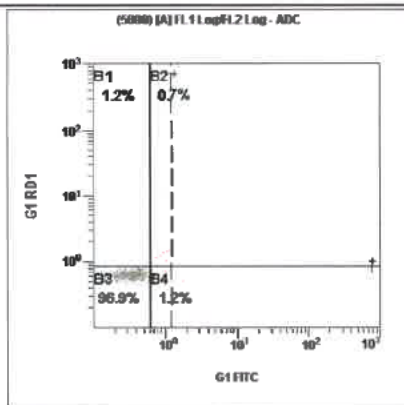
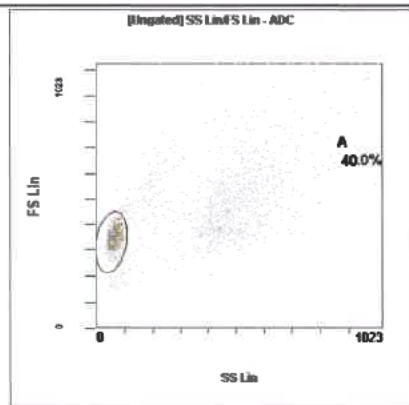
[A] FL3 Log

Region	Number	%Gated
ALL	2543	100.000
D	413	16.241

Plot/Legend not found

[Ungated] FL1 Log/SS Lin

Region	Number	%Gated
ALL	6452	100.000
F	2529	39.197

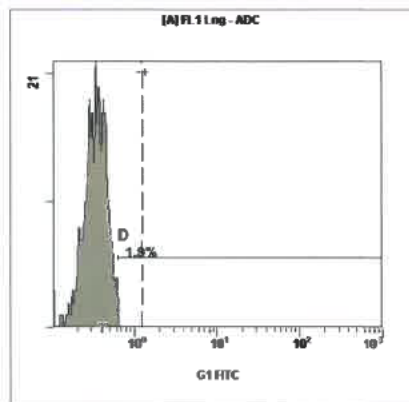


(5000) [A] FL1 Log/FL2 Log

Region	Number	%Gated
ALL	1893	100.000
B1	22	1.162
B2	14	0.740
B3	1835	96.936
B4	22	1.162

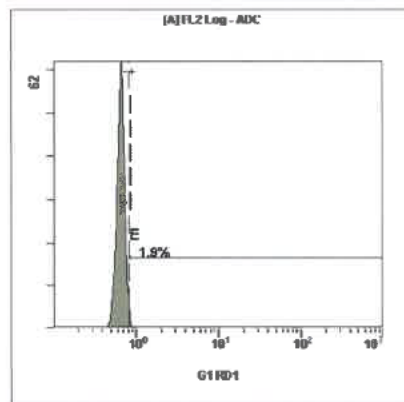
[A] FL4 Log/FL3 Log

Region	Number	%Gated
ALL	1893	100.000
C1	31	1.638
C2	5	0.264
C3	1825	96.408
C4	32	1.690



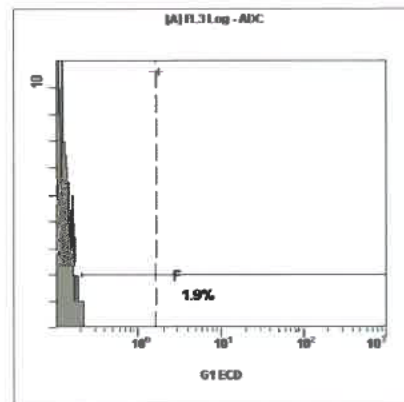
[A] FL1 Log

Region	Number	%Gated
ALL	1893	100.000
D	36	1.902



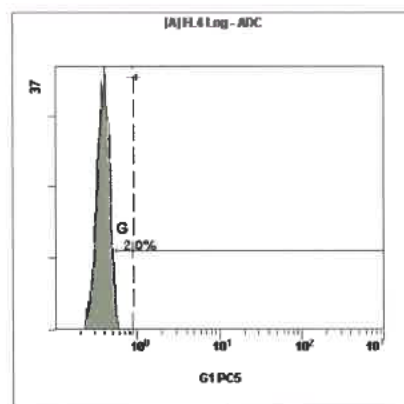
[A] FL2 Log

Region	Number	%Gated
ALL	1893	100.000
E	36	1.902



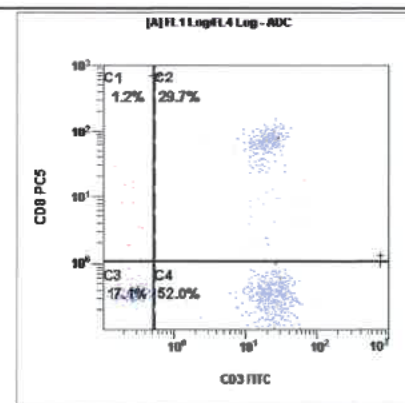
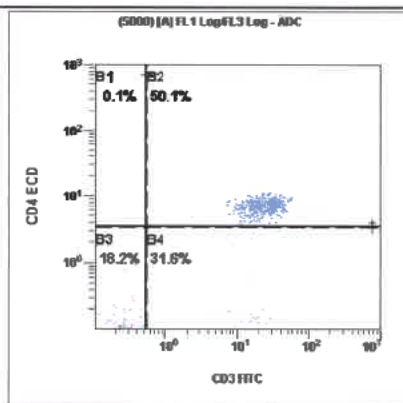
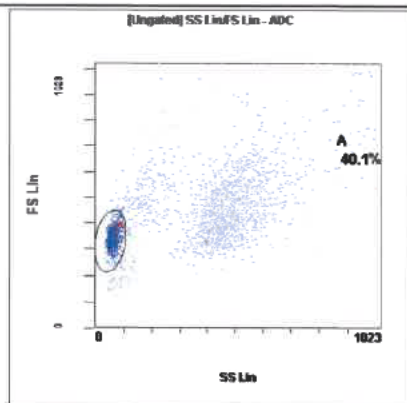
[A] FL3 Log

Region	Number	%Gated
ALL	1893	100.000
F	36	1.902



[A] FL4 Log

Region	Number	%Gated
ALL	1893	100.000
G	37	1.955

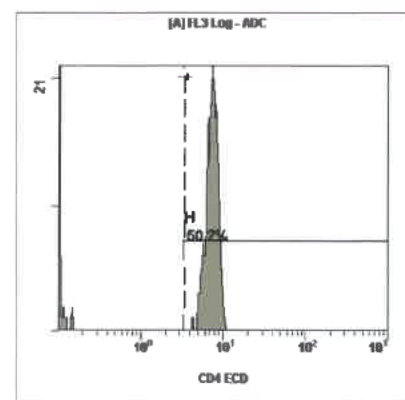
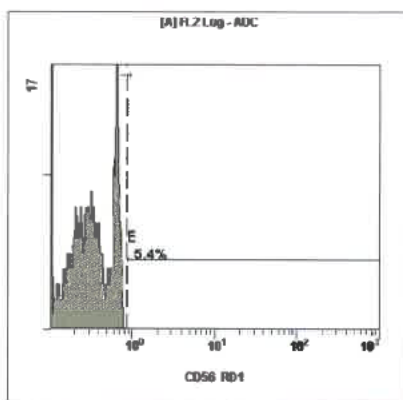
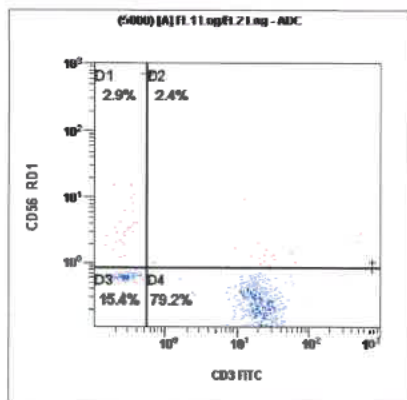


(5000) [A] FL1 Log/FL3 Log

Region	Number	%Gated
ALL	2205	100.000
B1	2	0.091
B2	1105	50.113
B3	402	18.231
B4	696	31.565

[A] FL1 Log/FL4 Log

Region	Number	%Gated
ALL	2205	100.000
C1	26	1.179
C2	654	29.660
C3	378	17.143
C4	1147	52.018



(5000) [A] FL1 Log/FL2 Log

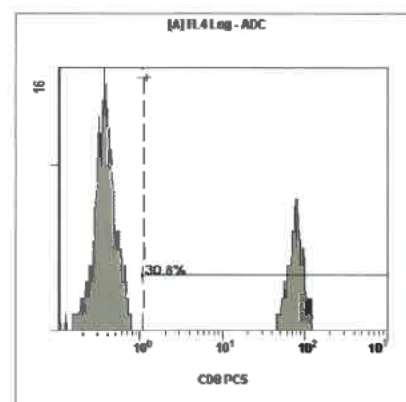
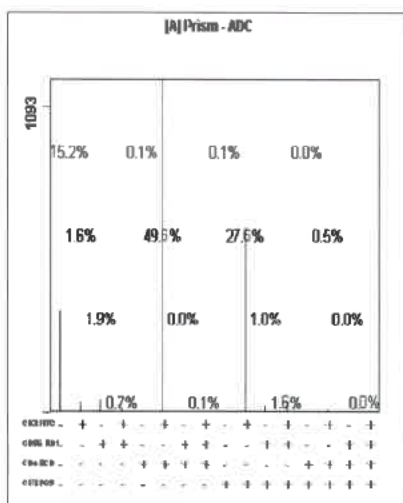
Region	Number	%Gated
ALL	2205	100.000
D1	65	2.948
D2	53	2.404
D3	340	15.420
D4	1747	79.229

[A] FL2 Log

Region	Number	%Gated
ALL	2205	100.000
E	118	5.351

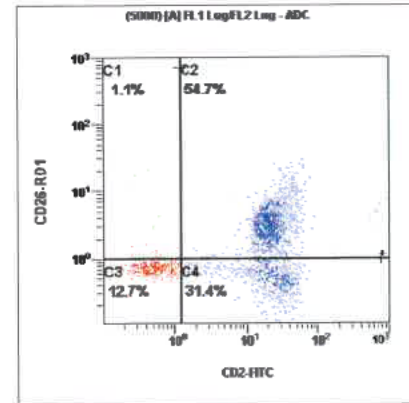
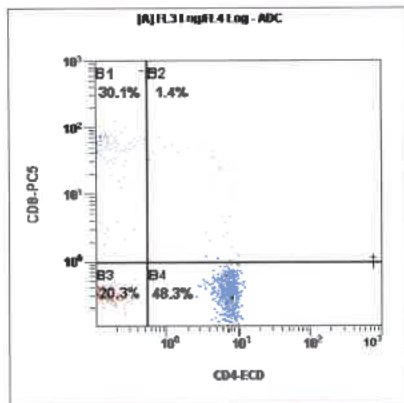
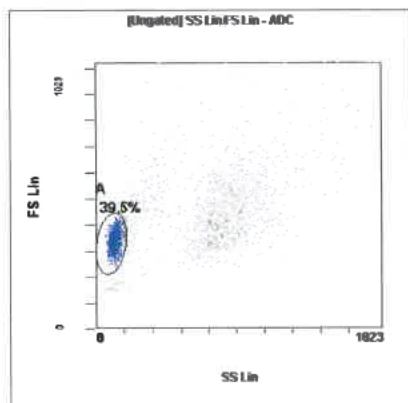
[A] FL3 Log

Region	Number	%Gated
ALL	2205	100.000
H	1107	50.204



[A] FL4 Log

Region	Number	%Gated
ALL	2205	100.000
I	680	30.839

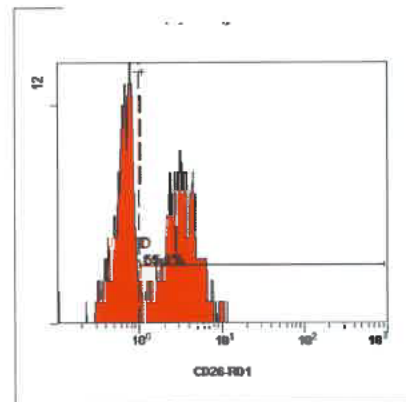
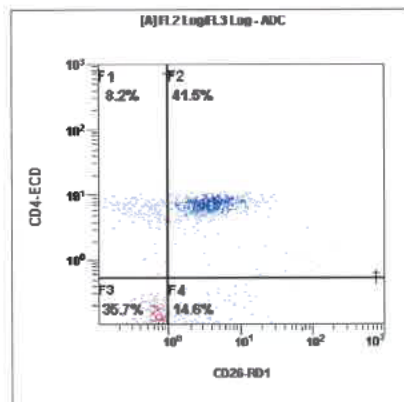
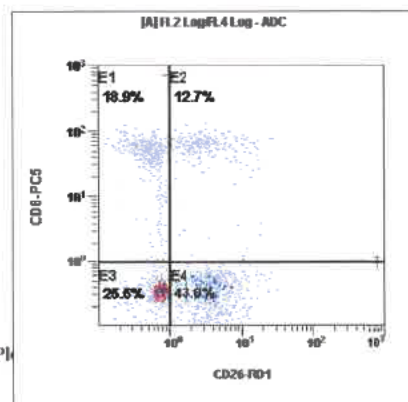


[A] FL3 Log/FL4 Log

Region	Number	%Gated	X-Median 50.0	Y-Median 50.0
ALL	2284	100.00	0.333	0.424
B1	687	30.08	0.102	57.1
B2	31	1.36	4.4	14
B3	463	20.27	0.102	0.354
B4	1103	48.29	7.28	0.324

(5000) [A] FL1 Log/FL2 Log

Region	Number	%Gated	X-Median 50.0	Y-Median 50.0
ALL	2284	100.00	20.3	1.53
C1	26	1.14	0.472	1.38
C2	1249	54.68	22	3.36
C3	291	12.74	0.503	0.728
C4	718	31.44	23.4	0.546



[A] FL2 Log/FL4 Log

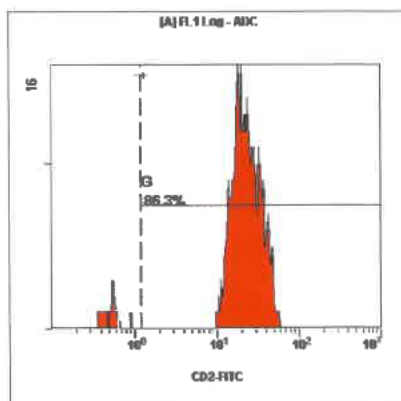
Region	Number	%Gated	X-Median 50.0	Y-Median 50.0
ALL	2284	100.00	1.53	0.424
E1	431	18.87	0.508	51.7
E2	289	12.65	2.66	64.7
E3	583	25.53	0.683	0.351
E4	981	42.95	3.51	0.324

[A] FL2 Log/FL3 Log

Region	Number	%Gated	X-Median 50.0	Y-Median 50.0
ALL	2284	100.00	1.53	0.333
F1	187	8.19	0.444	6.71
F2	947	41.46	3.57	7.41
F3	816	35.73	0.641	0.102
F4	334	14.62	2.59	0.102

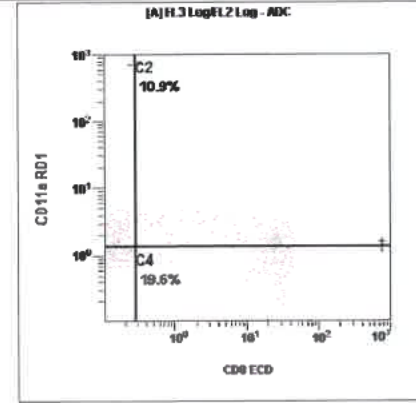
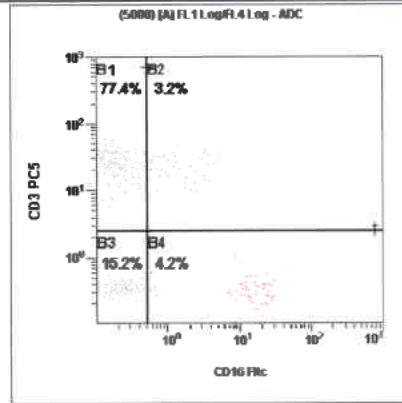
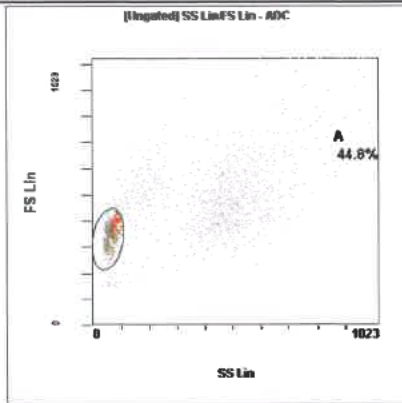
dian 50.0 Y-Median 50.0

###



[A] FL1 Log

Region	Number	%Gated	X-Median 50.0	Y-Median 50.0
ALL	2284	100.00	20.3	###
G	1971	86.30	22.4	###

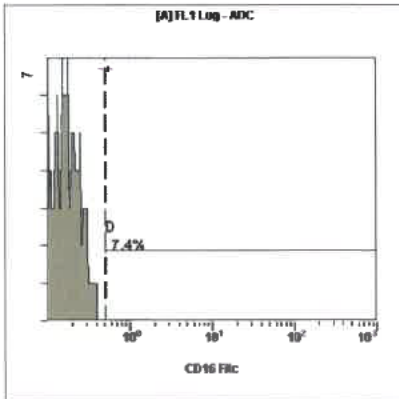


(5000) [A] FL1 Log/FL4 Log

Region	Number	%Gated
ALL	2439	100.000
B1	1888	77.409
B2	79	3.239
B3	370	15.170
B4	102	4.182

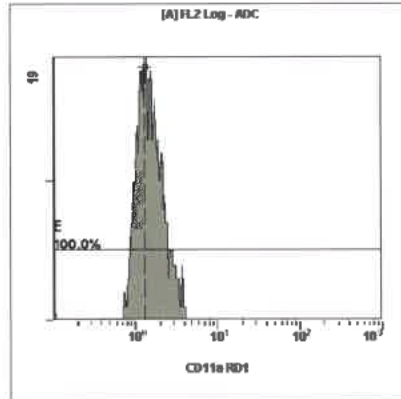
[A] FL3 Log/FL2 Log

Region	Number	%Gated
ALL	2439	100.000
C1	1017	41.697
C2	265	10.865
C3	678	27.798
C4	479	19.639



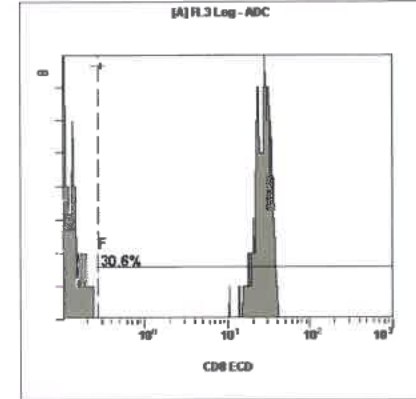
[A] FL1 Log

Region	Number	%Gated
ALL	2439	100.000
D	181	7.421



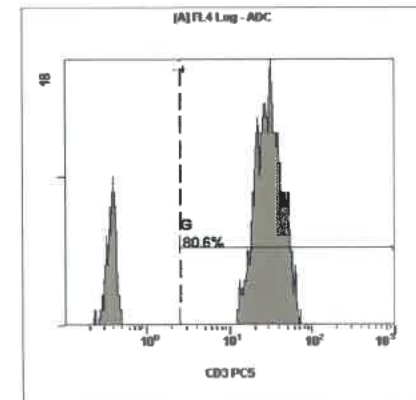
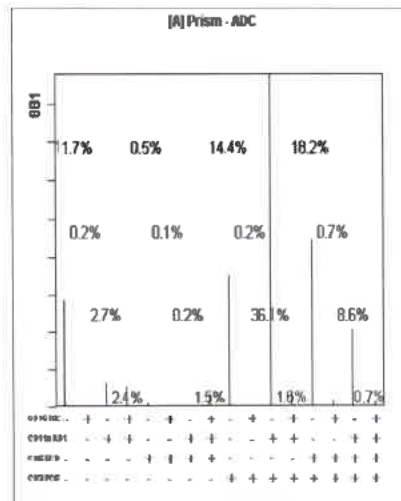
[A] FL2 Log

Region	Number	%Gated
ALL	2439	100.000
E	2439	100.000



[A] FL3 Log

Region	Number	%Gated
ALL	2439	100.000
F	747	30.627



[A] FL4 Log

Region	Number	%Gated
ALL	2439	100.000
G	1967	80.648

CXP Panel Report:

VAMC-Univ. of Miami Clinical Immunology

10/30/2012 11:30:45AM Runtime Results

Sample ID1: 270390

Name:

Panel Name: GULF WAR

Patient ID:

D.O.B.:

Panel Complete: Y Match: Y

FC 500 SN: AH05013

LMD File Name(s):

CXP v 2.2:

C:\CXP\Users\Flow\LMD\270390 00055112 1126 001.LMD

C:\CXP\Users\Flow\LMD\270390 00055116 1130 005.LMD

Collection Date:

User ID: ZENG

Analysis Date / Time:

Tube ID: NoRead

Sex: ID#:

Hematology Date /Time:

Physician: KLIMAS

Hematology Instrument:

Sample Type: Whole Blood

WBC: $5.50 \times 10^3/\mu\text{L}$

LY %: 38.30

Dilution Factor:

RBC: $4.660 \times 10^6/\mu\text{L}$

MO %: 6.30

Harvest Volume:

PLT: $220.0 \times 10^3/\mu\text{L}$

NE %: 51.60

Body Weight:

EO %: 2.90

BA %: 0.90

Description	Region	Cell Pop	Result	Cells/ μL HEM	Opt Stat 1	Opt Stat 2
Total B Cells (CD19+)	eq		16.318%	344.0		
Expected Range			8.000 - 18.000	128 - 400		
T-Helper (CD3+CD4+)	eq		50.351%	1061.0		
Expected Range			38.000 - 53.000	595 - 1199		
T-Cytotoxic/Suppressor CD3+CD8+	eq		29.800%	628.0		
Expected Range			15.000 - 32.000	219 - 731		
T Cells (CD3+)	eq		82.065% H	1729.0		
Expected Range			66.000 - 80.000	989 - 1899		
Natural Killer Cells CD3-CD56+	eq		2.962% L	62.0 L		
Expected Range			5.000 - 16.000	98 - 294		
CD3-CD16+	eq		4.202%	89.0		
Expected Range						
Total CD2+	eq		86.529% H	1823.0		
Expected Range			75.000 - 86.000	1130 - 1985		
CD2+CD26+	eq		54.944%	1157.0		
Expected Range			38.000 - 60.000	593 - 1375		
CD4+CD26+	eq		41.659%	878.0		
Expected Range						
CD8+CD26+	eq		12.713%	268.0		
Expected Range						
CD8+CD11a+	eq		10.917%	230.0		
Expected Range			8.000 - 23.000	139 - 472		
CD3-CD16+CD11a+	eq		6.344%	134.0		

Signature

X Zeng

10/30/201211:30:45AMRuntime Results

Sample ID1: 270390Name:

Panel Name: GULF WARPatient ID: [REDACTED]D.O.B.:

Description	Region	Cell Pop	Result	Cells/uL HEM	Opt Stat 1	Opt Stat 2
Expected Range						

Signature _____

CXP Panel Report:

10/30/2012 11:30:45AM

Runtime Results

Sample ID1: 270390

Name:

Panel Name: GULF WAR

Patient ID:

D.O.B.:

Description	Region	Cell Pop	Result	Cells/uL HEM	Opt Stat 1	Opt Stat 2
Recovery	A	LY	96.823%	2040.0		
Expected Range						
Purity	C4	LY	99.528%	2097.0		
Expected Range						
Total T-Cells	eq		82.065%	1729.0		
Expected Range						
(CD3+CD4+) + (CD3+CD8+)	eq		80.151%	1688.0		
Expected Range						
Lymphosum (T+B+NK)	eq		101.345%	2135.0		
Expected Range						
Total CD4	eq		50.770%	1069.0		
Expected Range						
Total CD4	eq		50.351%	1061.0		
Expected Range						
Total CD4	eq		49.885%	1051.0		
Expected Range						
Total CD8	eq		30.985%	653.0		
Expected Range						
Total CD8	eq		31.585%	665.0		
Expected Range						
Total CD8	eq		30.773%	648.0		
Expected Range						

Comments:

Signature _____