

Cass/Pos
003302 CBC+Diff

ID# 1

DATE: 26/01/04
TIME: 17:52:48

A Témoin

ID# 2

Sequence #

Abnormal WBC Pop

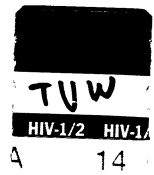
Abnormal RBC Pop

Normal PLT Pop

WBC 4.6
NE% 65.5
LY% 18.1
MO% 14.5
EO% 1.3
BA% 0.6
NE# 3.0
LY# 0.8
MO# 0.7
EO# 0.1
BA# 0.0

RBC 4.12
HGB 16.1
HCT 49.5
MCV 120.1
MCH 39.0
MCHC 32.4
RDW 12.7

PLT 205
MPV 6.5



SUSPECT FLAGS:

Imm Grans/Bands1

-----WBC-----RBC-----PLT-----

DEFINITIVE FLAGS:
3+ Macrocytosis

NORMAL RANGES

WBC MF	4.8- 10.8	RBC M	4.70- 6.10 F	4.20- 5.40	PLT MF	130- 400
NE% MF	43.0- 65.0	HGB M	14.0- 18.0 F	12.0- 16.0	MPV MF	7.4- 10.4
LY% MF	20.5- 45.5	HCT M	42.0- 52.0 F	37.0- 47.0		
MO% MF	5.5- 11.7	MCV M	80.0- 94.0 F	81.0- 99.0		
EO% MF	0.9- 2.9	MCH MF	27.0- 31.0			
BA% MF	0.2- 1.0	MCHC MF	32.0- 36.0			
		RDW MF	11.5- 15.5			
NE# MF	2.2- 4.8					
LY# MF	1.3- 2.9					
MO# MF	0.3- 0.8					
EO# MF	0.0- 0.2					
BA# MF	0.0- 0.1					

Expérience préliminaire de PAN-AC

NB : les amorces P1 et P2 utilisées ne sont pas conçues pour une utilisation en cellules vivantes.
(optimum de température supérieur à 65°C)

Pourtant, le résultat, sans être spectaculaire, est positif :

Patient : 45 ans, européen, séropositif sous trithérapie.

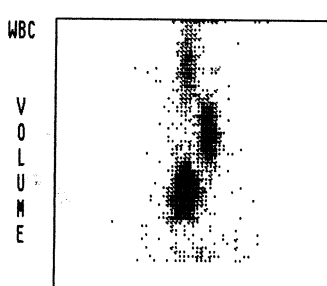
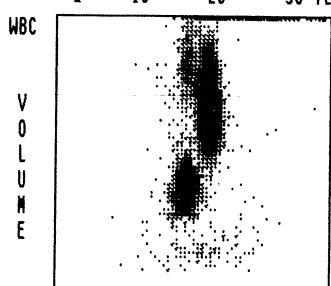
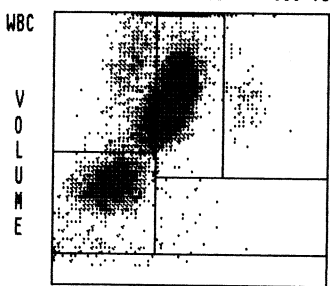
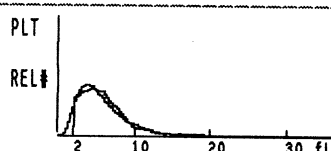
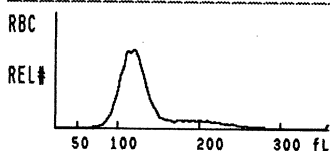
Prélevé à 15h sur tubes héparinés. Un tube témoin A, un tube réactionnel B. après trois heures à 20°C, passage au cytomètre Beckman Coulter, puis ajout de 100 microlitres de P1 et P2 dans le tube B et 200 microlitres de P1 dans le tube A.

Incubation pendant 2 heures à 37°C

Puis passage de nouveau au cytomètre.

26/01/04 20:02:18
W0200098 OPR

SAV 08 25 33 39 36



Cass/Pos
003301 CBC+Diff

ID# 1

DATE: 26/01/04
TIME: 20:02:07

ID# 2

Sequence #

Normal WBC Pop

Abnormal RBC Pop

Normal PLT Pop

WBC 4.8
NE% 65.7
LY% 18.9
MO% 14.0
EO% 1.0
BA% 0.4
NE# 3.2
LY# 0.9
MO# 0.7
EO# 0.0
BA# 0.0

RBC 4.24
HGB 16.3
HCT 51.3
MCV 120.9
MCH 38.5
MCHC 31.8
RDW 13.0

PLT 217
MPV 6.2

A témoin

SUSPECT FLAGS:

-----WBC-----RBC-----PLT-----

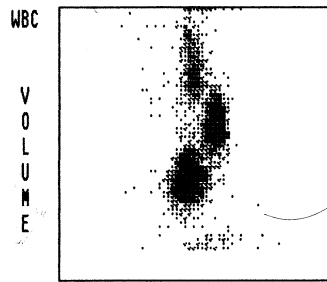
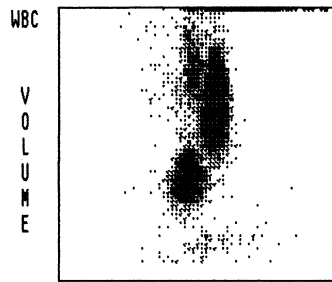
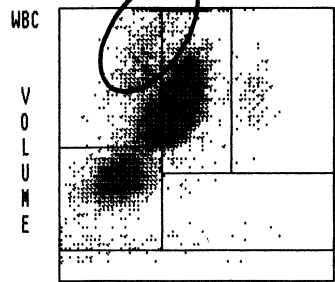
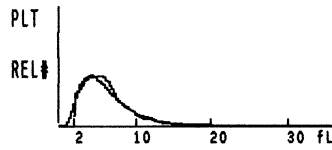
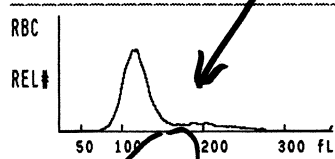
DEFINITIVE FLAGS:
3+ Macrocytosis

NORMAL RANGES

WBC MF	4.8- 10.8	RBC M	4.70- 6.10 F	4.20- 5.40	PLT MF	130- 400
NE% MF	43.0- 65.0	HGB M	14.0- 18.0 F	12.0- 16.0	MPV MF	7.4- 10.4
LY% MF	20.5- 45.5	HCT M	42.0- 52.0 F	37.0- 47.0		
MO% MF	5.5- 11.7	MCV M	80.0- 94.0 F	81.0- 99.0		
EO% MF	0.9- 2.9	MCH MF	27.0- 31.0			
BA% MF	0.2- 1.0	MCHC MF	32.0- 36.0			
		RDW MF	11.5- 15.5			
NE# MF	2.2- 4.8					
LY# MF	1.3- 2.9					
MO# MF	0.3- 0.8					
EO# MF	0.0- 0.2					
BA# MF	0.0- 0.1					

26/01/04 17:52:10
 W0200098 OPR

SAV 08 25 33 39 36



DF 1
 Cass/Pos
 003301 CBC+Diff

ID# 1

DATE: 26/01/04
 TIME: 17:51:57

ID# 2

Sequence #

Abnormal WBC Pop

WBC	4.6
NE%	61.6
LY%	18.8
MO%	17.7
EO%	1.1
BA%	0.8
NE#	2.8
LY#	0.9
MO#	0.8
EO#	0.1
BA#	0.0

Abnormal RBC Pop

RBC	4.15
HGB	16.1
HCT	49.8
MCV	119.9
MCH	38.7
MCHC	32.3
RDW	12.8

Normal PLT Pop

PLT	232
MPV	6.5

(B)

SUSPECT FLAGS:

Imm Grans/Bands2

-----WBC-----RBC-----PLT-----
 DEFINITIVE FLAGS:
 3+ Macrocytosis

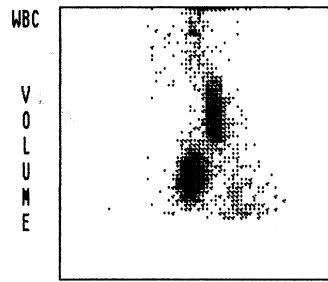
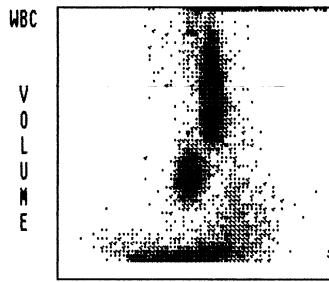
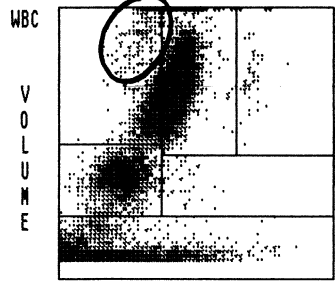
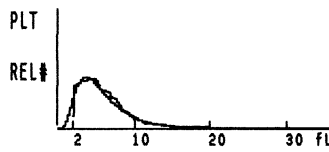
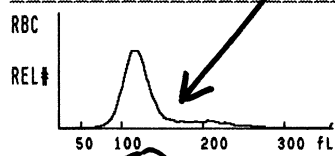
		NORMAL RANGES					
WBC	MF	4.8- 10.8	RBC M	4.70- 6.10 F	4.20- 5.40	PLT MF	130- 400
NE%	MF	43.0- 65.0	HGB M	14.0- 18.0 F	12.0- 16.0	MPV MF	7.4- 10.4
LY%	MF	20.5- 45.5	HCT M	42.0- 52.0 F	37.0- 47.0		
MO%	MF	5.5- 11.7	MCV M	80.0- 94.0 F	81.0- 99.0		
EO%	MF	0.9- 2.9	MCH MF	27.0- 31.0			
BA%	MF	0.2- 1.0	MCHC MF	32.0- 36.0			
			RDW MF	11.5- 15.5			
NE#	MF	2.2- 4.8					
LY#	MF	1.3- 2.9					
MO#	MF	0.3- 0.8					
EO#	MF	0.0- 0.2					
BA#	MF	0.0- 0.1					

On remarque la disparition progressive du nuage de points correspondant aux monocytes. (NB : ne pas tenir compte des formules indiquées. Pour des raisons techniques, le cytomètre ne détermine pas des formules correctes lors de cette expérience)

Ces résultats préliminaires demandent à être reproduits avec des amorces adaptées aux températures physiologiques.

26/01/04 20:03:12
W0200098 OPR

SAV 08 25 33 39 36



Cass/Pos
003302 CBC+Diff

ID# 1

DATE: 26/01/04 TIME: 20:02:59

ID# 2

Sequence #

Abnormal WBC Pop

WBC	5.2	*R
NE%	63.8	
LY%	18.7	
MO%	16.7	
EO%	0.8	
BA%	0.0	
NE#	3.3	R
LY#	1.0	R
MO#	0.9	R
EO#	0.0	R
BA#	0.0	R

Abnormal RBC Pop

RBC	4.01
HGB	15.2
HCT	47.9
MCV	119.5
MCH	38.0
MCHC	31.8
RDW	12.9

Abnormal PLT Pop

PLT	167
MPV	6.2

B apli i/flow.

SUSPECT FLAGS:
Imm Grans/Bands2 NRBCs Platelet Clumps

DEFINITIVE FLAGS:
3+ Macrocytosis

		NORMAL RANGES							
WBC	MF	4.8- 10.8	RBC	M	4.70- 6.10 F	4.20- 5.40	PLT	MF	130- 400
NE%	MF	43.0- 65.0	HGB	M	14.0- 18.0 F	12.0- 16.0	MPV	MF	7.4- 10.4
LY%	MF	20.5- 45.5	HCT	M	42.0- 52.0 F	37.0- 47.0			
MO%	MF	5.5- 11.7	MCV	M	80.0- 94.0 F	81.0- 99.0			
EO%	MF	0.9- 2.9	MCH	MF	27.0- 31.0				
BA%	MF	0.2- 1.0	MCHC	MF	32.0- 36.0				
			RDW	MF	11.5- 15.5				
NE#	MF	2.2- 4.8							