

# Hodnocení výsledků KO

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# Obecná pravidla pro měření

- pravidelná kontrola KO i dif
- kontrola správnosti (firemní materiál)
- kontrola přesnosti
- správná údržba přístroje

- 
- *správný odběr do EDTA (stáří vzorku, vzhled vzorku - chilózní, ikterický..)*

# Obecná pravidla pro hodnocení

- specifická pravidla pro daný analyzátor:
  - princip měření
  - rozsah hodnot měřených parametrů (linearita)
  - hlášení přístroje
  - měřený / počítaný parametr, grafy
- klinická hlediska:
  - diagnóza
  - léčba
  - historie pacienta (LIS, četnost měření)

# Normální vzorek

Sequence #: 703 Autoloader r38t06  
 Patient/Human  
 Specimen ID: 020003255  
 Name:

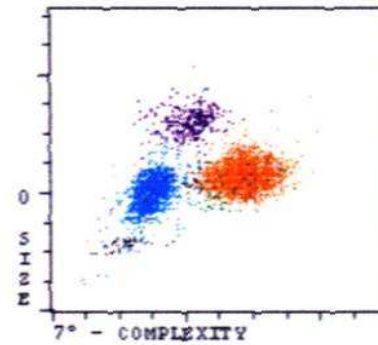
Test Selection: CBC+RETC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 04.10.99 13:34

X-B In	WBC In	RBC In	PLT In	RETC In
WBC	7.88 10e9/L	WVF	.992	
SEG	4.73	%S	60.1	
BAND	0.00	%BD	0.00	
IG	0.00	%IG	0.00	
BLST	0.00	%BL	0.00	
MONe	.483	%Me	6.12	
EOS	.186	%E	2.37	
BASO	.051	%B	.641	
LYMe	2.43	%Le	30.8	
VARL	0.00	%VL	0.00	

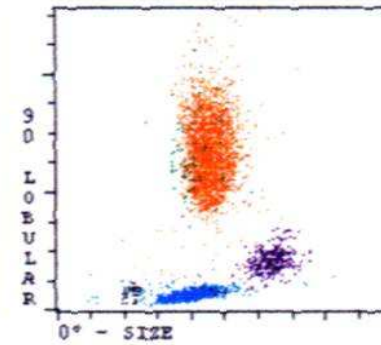
RBC	5.22 10e12/L	RBCo	5.12
HGB	9.38 mmol/L		
HCT	49.0 %		
MCV	93.9 fl		
MCH	1.80 fmo1		
MCHC	19.2 mmol/L		
RDW	12.4 %CV		
RETC	71.7 10e9/L	%R	1.38
IRF	.221		
NRBC	0.00 10e9/L	NR/W	0.00

PLTo	229. 10e9/L	PLTi	239.
MPV	9.59 fl	CD61	----
PDW	16.7 10(GSD)	PLTs	----
PCT	2.19 mL/L	PLTl	----

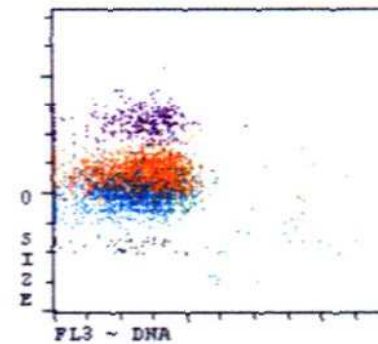
WBC Differential



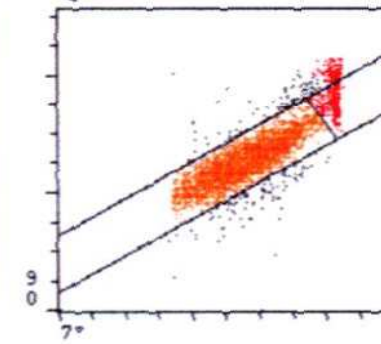
Mono Poly I



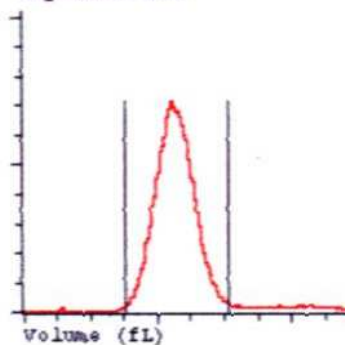
Low-Mi FL



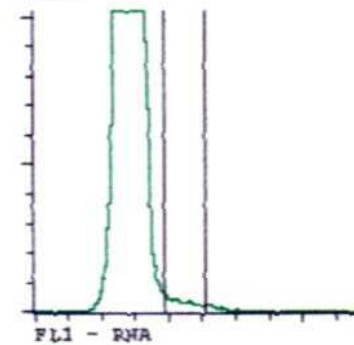
Optical PLT



Impedance RBC



RETC

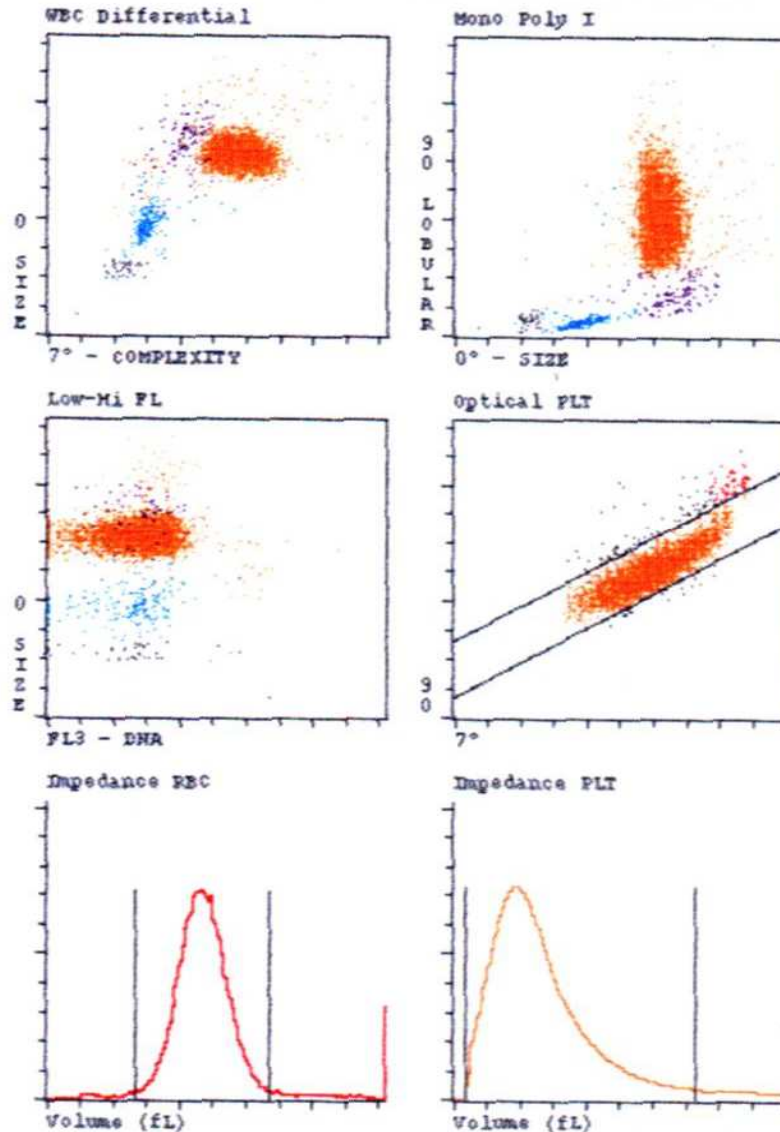


# Infekce

Sequence #: 7967 Autoloader r04t02  
 Patient/Human  
 Specimen ID: 031273  
 Name:

Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 30.04.99 08:58

X-B In	WBC 1 Out	RBC In	PLT In	RETC In	
WBC	31.0 10e9/L	WVF	.990		
SEG	17.8	%S	57.5		
BAND	9.14	%BD	29.5	BAND	.83
IG	2.06	%IG	6.65	IG	.81
BLST	0.00	%BL	0.00		
MONe	.637	%Me	2.06		
EOS	.043	%E	.139		
BASO	0.00	%B	0.00		
LYMe	1.29	%Le	4.16		
VARL	0.00	%VL	0.00		
RBC	3.39 10e12/L	RBCo	3.45		
HGB	6.49 mmol/L				
HCT	33.2 %				
MCV	98.0 fL				
MCH	1.91 fmo1				
MCHC	19.5 mmol/L				
RDW	15.3 %CV				
RETC	---- 10e9/L	%R	----		
IRF	----				
NRBC	0.00 10e3/uL	NR/W	0.00		
PLTo	305. 10e9/L	PLTi	305.		
MPV	9.00 fL				
PDW	14.7 10(GSD)				
PCT	2.74 mL/L				



# Monoblasty

Sequence #: 2830 Open Tube  
 Specimen Type/SubType: Patient/Human  
 Specimen ID:  
 Name:

Test Selection: CBC  
 Param Set(from Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 03/06/98 10:13

**\*InvalidData**

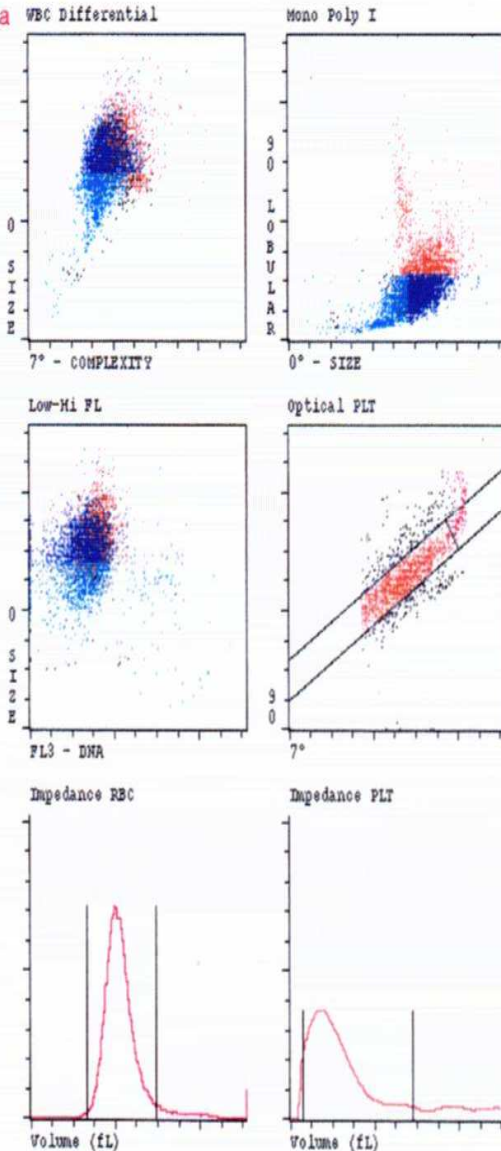
WBC	15.0	10e9/L	WVF	.977	
NEU	3.25s	%N	21.7s		
LYM	3.19*	%L	21.3*		
MONO	8.36*	%M	55.9*		
EOS	.024	%E	.159		
BASO	.136	%B	.906		
		BAND	.52		
		IG	.59		
		BLAST	.99		

RBC	3.63	10e12/L	RBCo	3.70	
HGB	6.91	mmol/L			
HCT	.308	L/L			
MCV	84.9	fL			
MCH	1.90	fmol			
MCHC	22.4	mmol/L			
RDW	14.5	%CV			
RETC	----	10e9/L	%R	----	
IRF	----				
NRBC	0.00	10e9/L	NR/W	0.00	

PLT	25.9	10e9/L	PLTi	36.1	
MPV	8.93	fL			
PDW	18.9	10(GSD)			
PCT	.231	mL/L			



# Mononukleóza

Sequence #: 3556 AutoLoader  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: 05374  
 Name:

Test Selection: CBC  
 Param Set(from Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 08/09/97 14:33

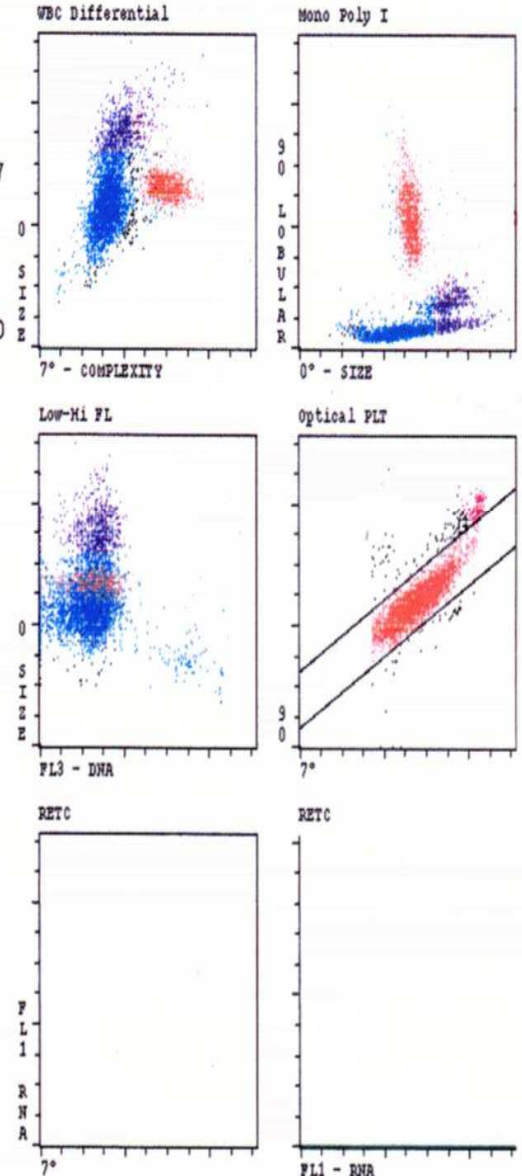
WBC	16.9	10e9/L	WVF	.983	
SBG	4.21	%S	24.9		
BAND	0.00	%BD	0.00		
IG	0.00	%IG	0.00		
BLST	1.11	%BL	6.52	BLAST	.77
MONe	.703	%Me	4.15		
EOS	.097	%E	.570		
BASO	.056	%B	.333		
LYMe	10.5	%Le	62.0	FP?	
VARL	.258	%VL	1.52	VARLYM	.90

RBC	5.36	10e12/L	RBCo	5.11	
HGB	9.40	mmol/L			
HCT	.460	L/L			
MCV	85.9	fL			
MCH	1.76	fmol			
MCHC	20.4	mmol/L			
RDW	15.5	%CV			
RETC	----	10e9/L	%R	----	
IRF	----				
NRBC	0.00s	10e9/L	NR/W	0.00s	

PLT	248.	10e9/L	PLTi	241.	
MPV	8.34	fL			
PDW	18.0	10(GSD)			
PCT	2.07	mL/L			



# Vlasatá leukémie

Sequence #: 9597 Open Tube  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: 981201959018  
 Name:

Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 02/12/98 19:58

WBC 2.44 · 10e9/L  
 NEU .407s  
 LYM .605  
 MONO 1.43s  
 EOS .003  
 BASO 0.00

**\*InvalidData**  
 WVF .957  
 %N 16.7s  
 %L 24.8 FP?  
 %M 58.4s  
 %E .142  
 %B 0.00

IG .51  
 BLAST .90

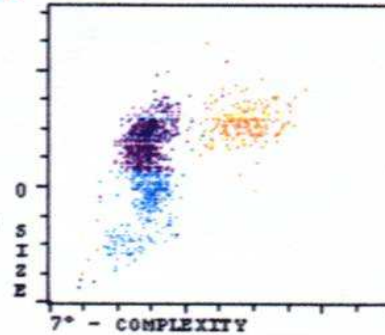
RBC 2.54 · 10e12/L  
 HGB 4.96 mmol/L  
 HCT .246 L/L  
 MCV 97.0 fl  
 MCH 1.95 fmol  
 MCHC 20.1 mmol/L  
 RDW 24.6 %CV  
 RETC ---- 10e9/L  
 IRF ----  
 NRBC 0.00s10e9/L

RBCo 2.63  
 %R ----  
 NR/W 0.00s

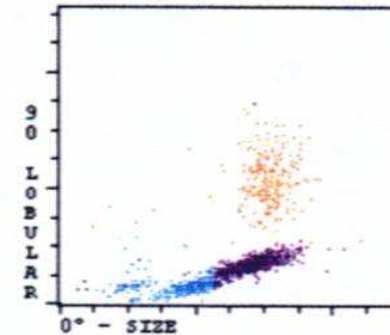
PLT 40.3 · 10e9/L  
 MPV 6.06\*fl  
 PDW 15.7\*10(GSD)  
 PCT .244\*µL/L

PLTi 53.6

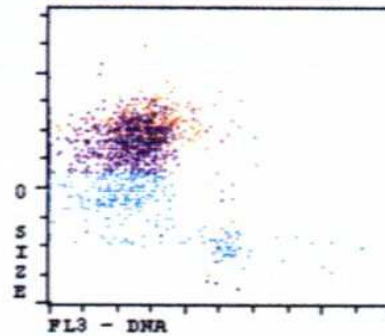
WBC Differential



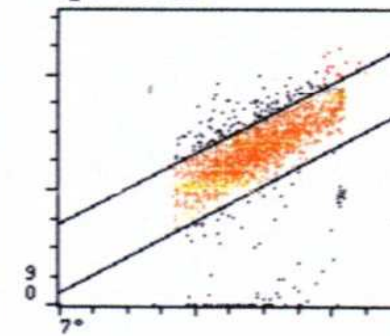
Mono Poly I



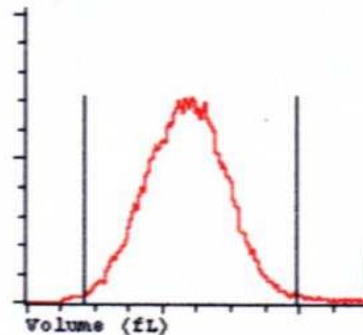
Low-Mi FL



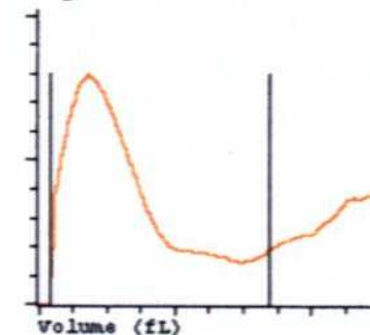
Optical PLT



Impedance RBC



Impedance PLT



# Starý vzorek

equence #: 1448 Autoloader r93t08  
 specimen Type/SubType: Patient/Human  
 specimen ID: JJ5312  
 name:

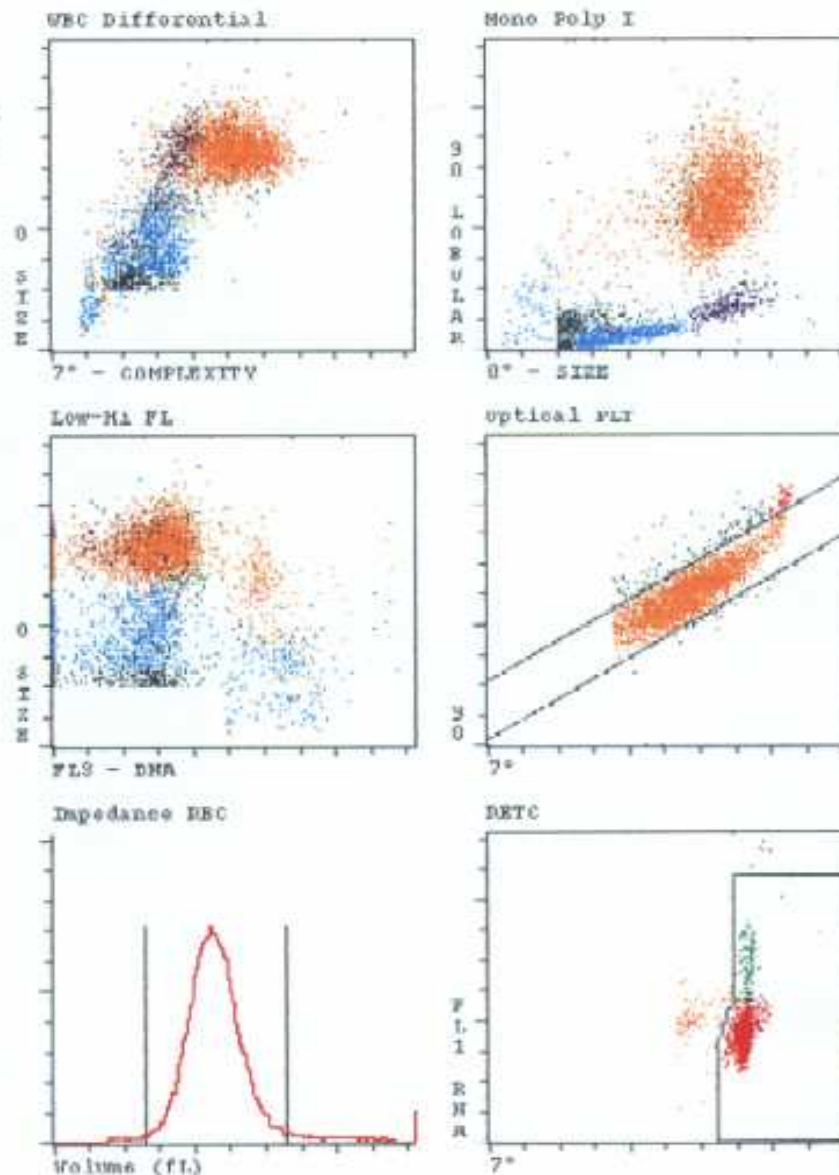
Test Selection: CBC+RETC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 28/10/98 17:16

BC	8.30	10e3/uL	WVF	.890	nvWBC	
EG	3.39		%S	40.8		
AND	2.11		%BD	25.4	BAND	.55
G	.551		%IG	6.64	IG	.69
LST	0.00		%BL	0.00		
ONE	.489		%Me	5.89		
OS	.105		%E	1.26		
ASO	.017		%B	.204		
YMe	1.65		%Le	19.8		
ARL	0.00		%VL	0.00		

BC	3.19	10e6/uL	RBCc	3.34
HGB	9.82	g/dL		
HCT	30.3	%		
HCV	95.0	fL		
MCH	30.8	pg		
MCHC	32.4	g/dL		
RDW	15.6	%		
RETc	60.6	10e3/uL	%R	1.90
RF	.490		IR	
NRBC	0.00	10e3/uL	NR/W	0.00

PLT	381.	10e3/uL	PLTi	329.
MPV	10.9	fL		
PDW	15.3	10(BSD)		
PCT	.395	%		

Manual Differential	RBC Morphology		
EG	META	NORMAL	MICRO
AND	MYELO	POLYCH	MACRO
MPH	PRQ	HYPOCH	ANISO
ONQ	BLAST	POIK	BASOSTIP
CSIN	VAR LYM	TARGET	
ASO	TOXGRAN	SPHERO	NRBC





# Chronická lymfatická leukémie

Sequence #: 3706 Autoloader r08t02  
 Patient/Human  
 Specimen ID: 990914696018  
 Name:

Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 22/09/99 13:20

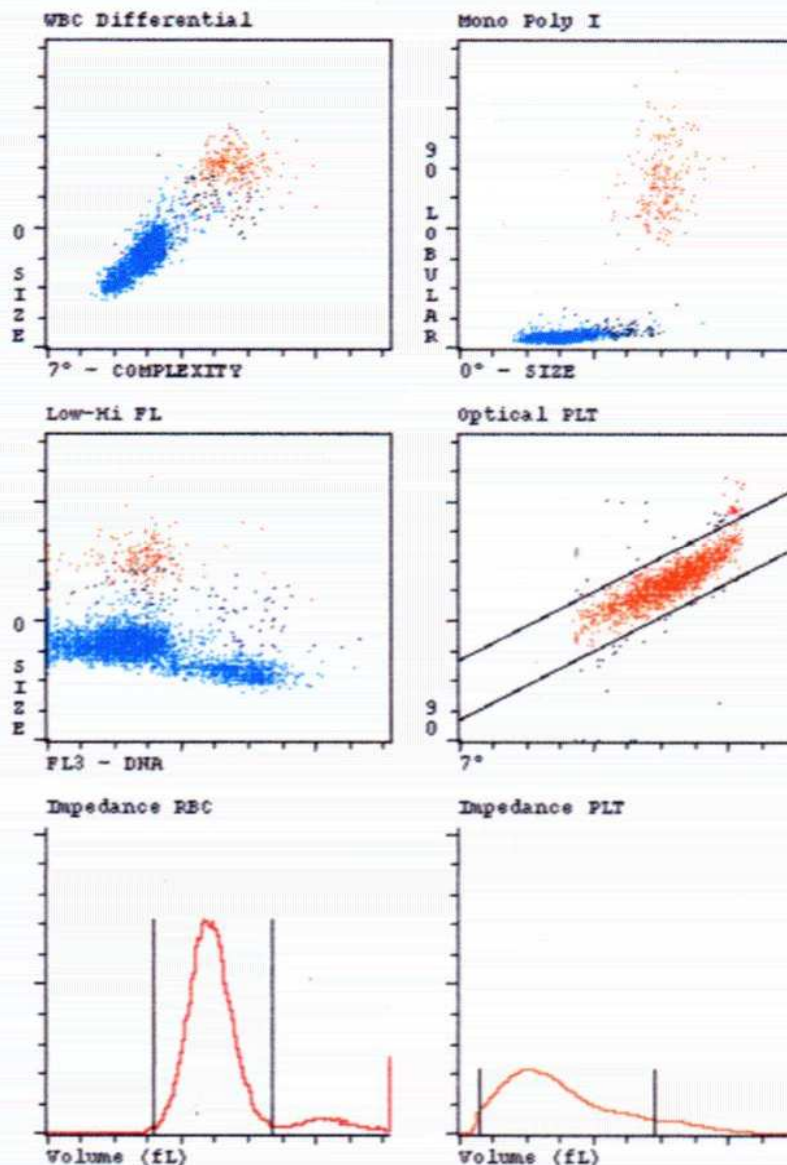
X-B	WBC	RBC	PLT	RETC
In	2 Out	In	In	In

WBC	207.10e9/L	WVF	.843	nvWBC
NEU	8.76	%N	4.24	
LYM	195.s	%L	94.3s	
MONO	1.62	%M	.782	
EOS	0.00	%E	0.00	
BASO	1.34	%B	.647	

VARLYM .80

RBC	3.80	10e12/L	RBCo	3.79
HGB	7.31	mmol/L		
HCT	.376	L/L		
MCV	98.9	fL		
MCH	1.92	fmol		
MCHC	19.5	mmol/L		
RDW	12.9	%CV		
RETC	----	10e9/L	%R	----
IRF	----			
NRBC	0.00	10e9/L	NR/W	0.00

PLTo	47.8	10e9/L	PLTi	42.9
MPV	9.81	fL		
PDW	17.0	10(GSD)		
PCT	.469	mL/L		



# Toxická granulace, falešná eozinofílie

Sequence #: 6620 Autoloader  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: 980310633018  
 Name:

Test Selection: CBC  
 Param Set(from Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 16/03/98 14:24

WBC 27.2 10e9/L  
 NEU 8.74\*  
 LYM .904  
 MONO .609  
 EOS 16.9\*  
 BASO .011

WVF .994  
 %N 32.2\*  
 %L 3.33  
 %M 2.24  
 %E 62.2\*  
 %B .039

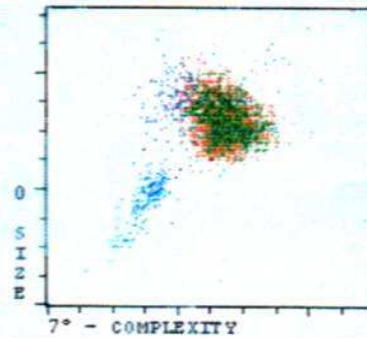
\*InvalidData

IG .75

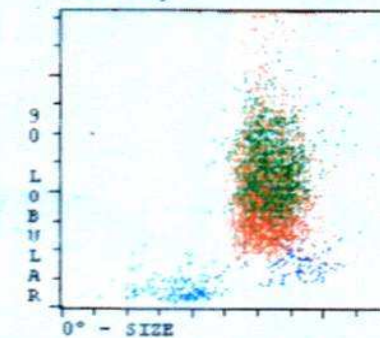
RBC 4.17 10e12/L  
 HGB 7.80 mmol/L  
 HCT .362 L/L  
 MCV 86.7 fl  
 MCH 1.87 fmol  
 MCHC 21.5 mmol/L  
 RDW 12.4 %CV  
 RETC ---- 10e9/L  
 IRF ----  
 NRBC 0.00 10e9/L  
 PLT 114. 10e9/L  
 MPV 8.28 fl  
 PDW 16.4 10(GSD)  
 PCT .947 mL/L

RBCo 4.10  
 %R ----  
 NR/W 0.00  
 PLT1 116.

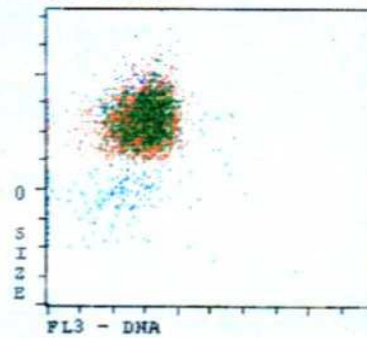
WBC Differential



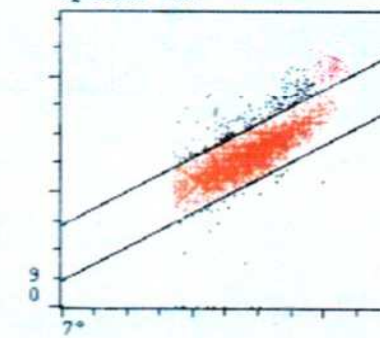
Mono Poly I



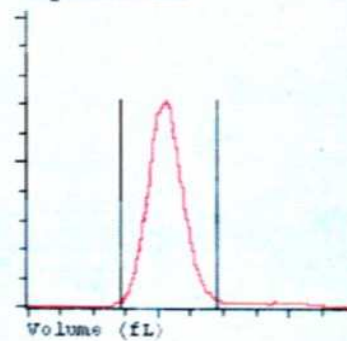
Low-Mi FL



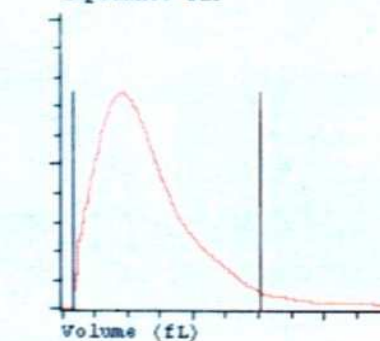
Optical PLT



Impedance RBC



Impedance PLT



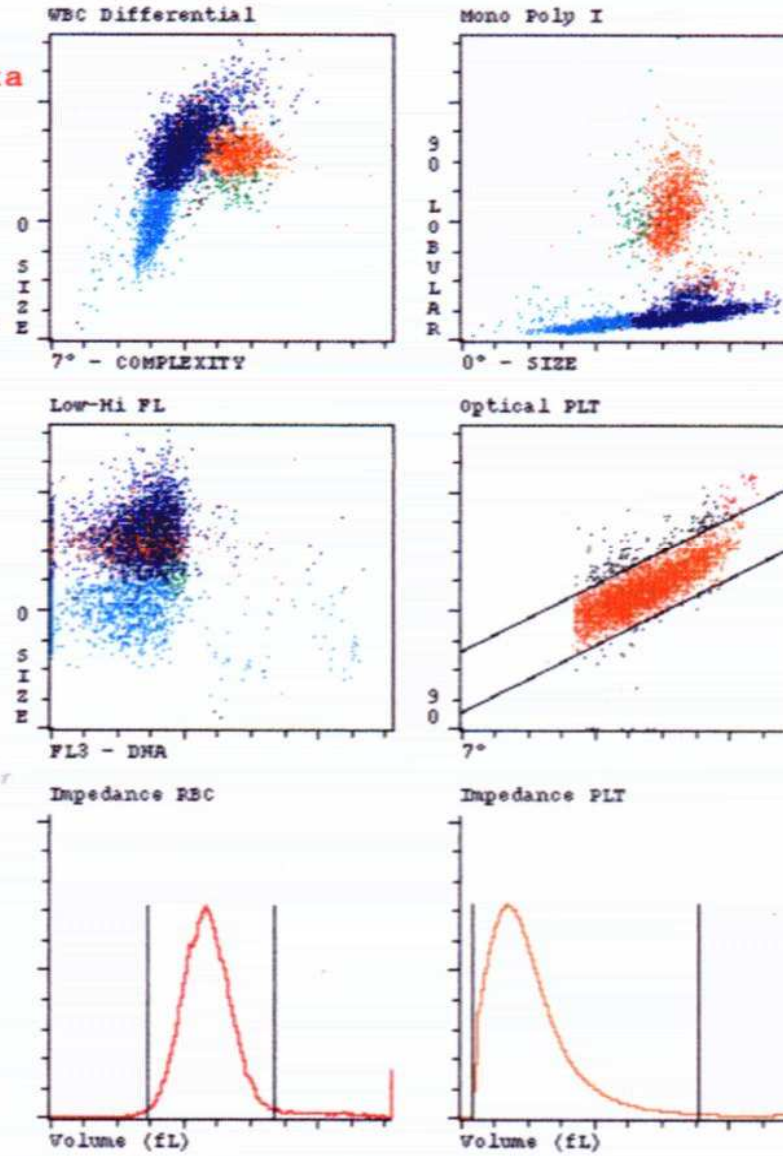
# Plazmocelulární leukémie

Sequence #: 9143 Autoloader r08t09  
 Patient/Human  
 Specimen ID: 990815939018  
 Name:

Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 27/08/99 08:23

X-B In	WBC In	RBC In	PLT In	RETC In
WBC	14.0	WVF	.980	<b>*InvalidData</b>
NEU	3.40	%N	24.3	
LYM	2.75*	%L	19.6*	
MONO	7.50*	%M	53.5*	
EOS	.337	%E	2.40	
BASO	.029	%B	.206	
		BLAST	.90	

RBC	2.96	10e12/L	RBCo	3.00
HGB	5.89	mmol/L		
HCT	.282	L/L		
MCV	95.3	fL		
MCH	1.99	fmol		
MCHC	20.9	mmol/L		
RDW	14.8	SCV		
RETC	----	10e9/L	%R	----
IRF	----			
NRBC	0.00	10e9/L	NR/W	0.00
PLTo	129.	10e9/L	PLTi	133.
MPV	6.67	fL		
PDW	16.1	10(GSD)		
PCT	.858	mL/L		



Unable to Find Clear Separation Between WBC Subpopulations

# Satelitóza trombocytů

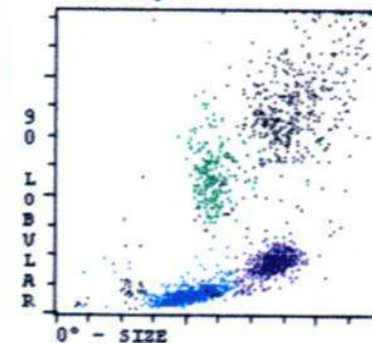
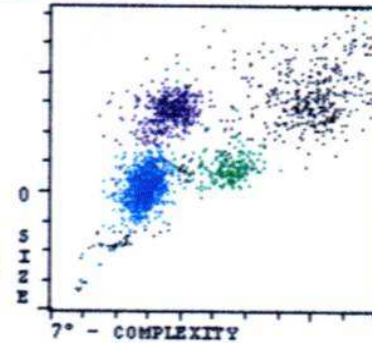
Sequence #: 9427 Open Tube  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: gruyters  
 Name:

Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 26/01/99 17:44

WBC 3.20\*10e9/L WVF .954\*  
 NEU 0.00\* %N 0.00\*  
 LYM 2.00\* %L 62.6\*  
 MONO .663\* %M 20.7\*  
 EOS .512\* %E 16.0\*  
 BASO .023\* %B .732\*

\*InvalidData WBC Differential

Mono Poly I

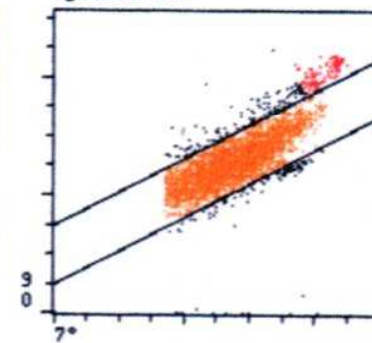
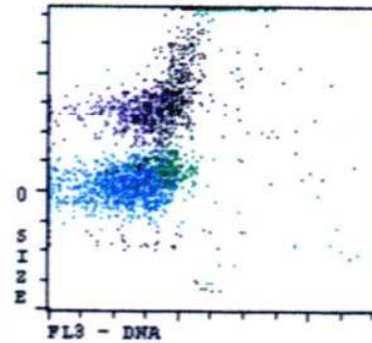


VARLYM .50

RBC 5.00 10e12/L RBCo 4.84  
 HGB 9.50 mmol/L  
 HCT .455 L/L  
 MCV 91.0 fL  
 MCH 1.90 fmol  
 MCHC 20.9 mmol/L  
 RDW 12.4 %CV  
 RETC ---- 10e9/L %R ----  
 IRF ----  
 NRBC 0.00\*10e9/L NR/W 0.00\*  
 PLT 156. 10e9/L PLTi 162.  
 MPV 8.48 fL  
 PDW 16.9 10(GSD)  
 PCT 1.32 mL/L

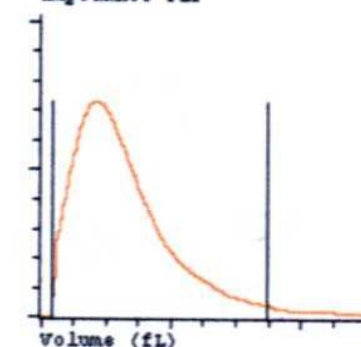
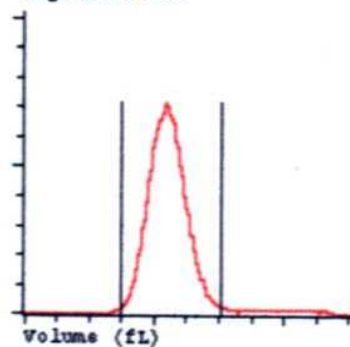
Low-Mi FL

Optical PLT



Impedance RBC

Impedance PLT



# Chylózní vzorek

Sequence #: 9124 Auto-loader r05t01  
 Patient/Human  
 Specimen ID: 030010040  
 Name: LIPAEMI

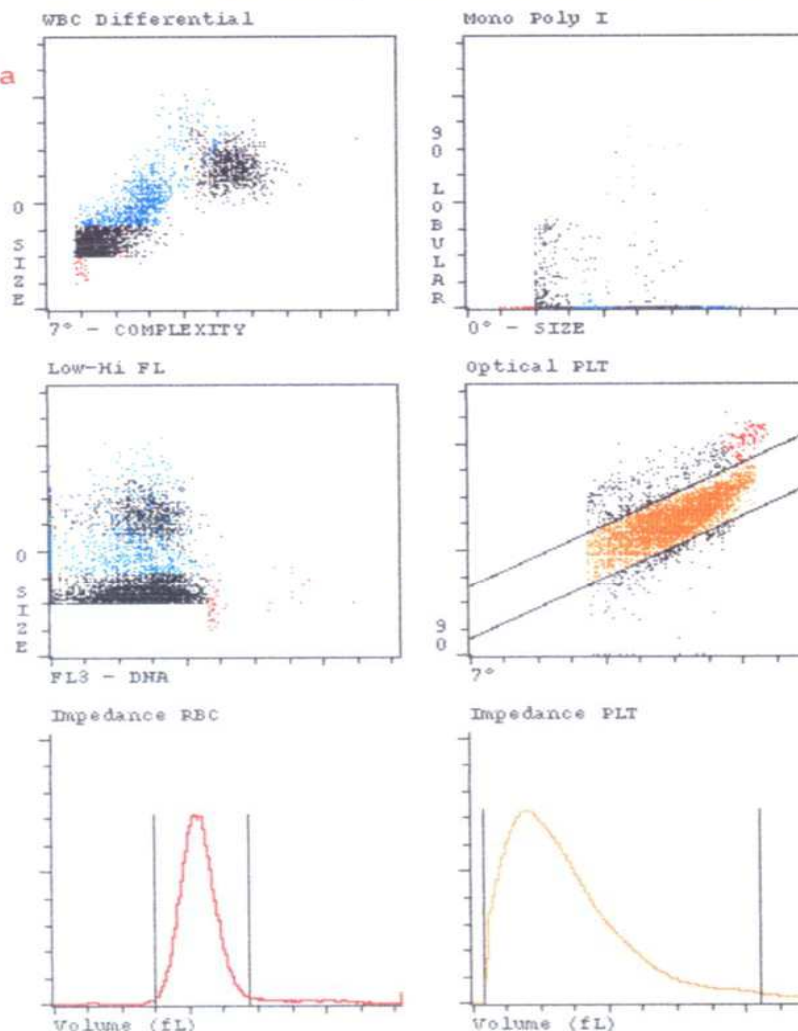
Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 29.08.00 08:52

X-B In	WBC In	RBC In	PLT In	RETC In
				<b>*InvalidData</b>
WBC	4.11*10e9/L	WVF	.997*	
SEG	.171*	%S	4.16*	
BAND	0.00*	%BD	0.00*	
IG	.002*	%IG	.047*	IG .55
BLST	0.00*	%BL	0.00*	
MONe	.014*	%Me	.331*	
EOS	0.00*	%E	0.00*	
BASO	.194*	%B	4.73*	
LYMe	3.72*	%Le	90.4*	
VARL	.014*	%VL	.331*	VARLYM .50

RBC	4.36*10e12/L	RBCo	4.29*
HGB	11.0*mmol/L		rstRBC
HCT	38.8%		ASYM
MCV	89.1*fL		
MCH	2.52*fmol		
MCHC	28.2*mmol/L		
RDW	11.6*%CV		
RETC	----- 10e9/L	%R	-----
IRF	-----		
NRBC	.179*10e9/L	NR/W	4.35*

PLTo	187.*10e9/L	PLTi	238.*PltClmp
MPV	8.78*fL	CD61	-----
PDW	19.6*10(GSD)	PLTs	-----
PCT	1.64*mL/L	PLTl	-----

Manual Differential	RBC Morphology		
SEG	META	NORMAL	MICRO
BAND	MYELO	POLYCH	MACRO
LYMPH	PRO	HYPOCH	ANISO
MONO	BLAST	POIK	BASOSTIP
EOSIN	VAR LYM	TARGET	
BASO	TOXGRAN	SPHERO	NRBC
PLT EST	PLT MORPH		
Comment:			
DIFF by:	Date:		



Short Sample  
 WBC Count Rate Violation  
 Number of WBC Events Out-of-Bounds Greater than Preset Limit  
 Resistant RBC Interference with WBC results  
 Unable to Find Clear Separation Between WBC Subpopulations  
 Significant Number of Cells Removed from WBC Differential Analysis  
 PIC/POC Delta

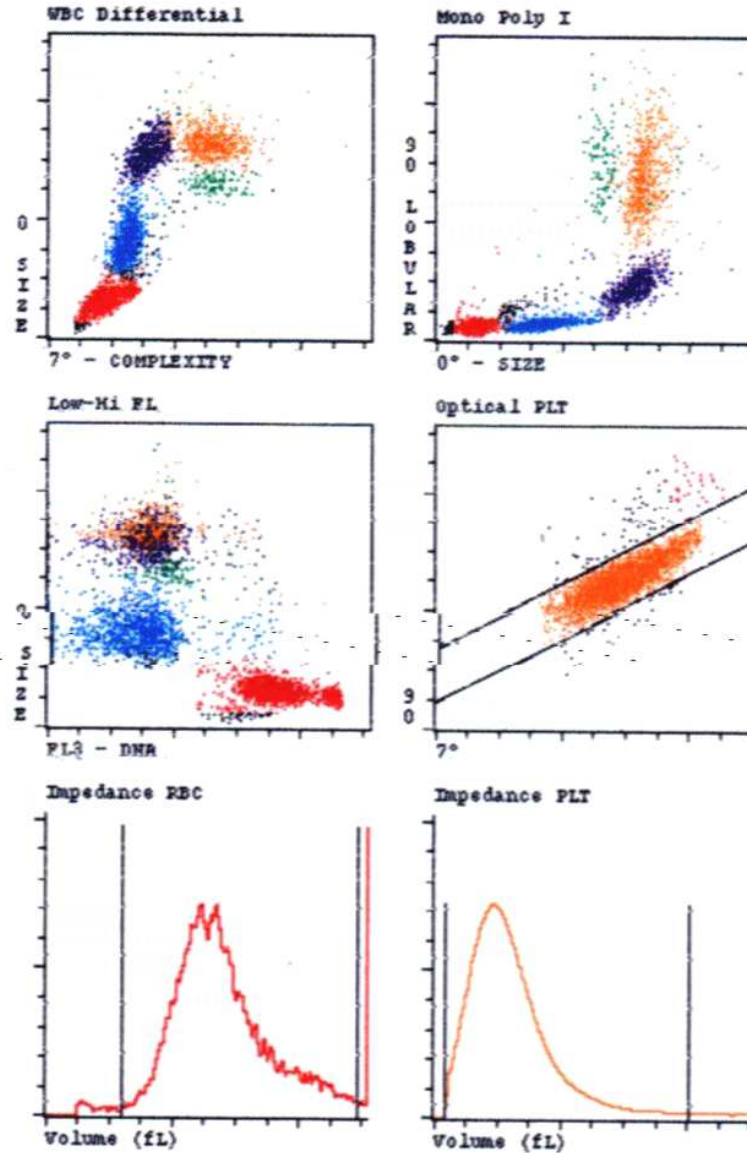
# NRBC ve vzorku

Sequence #: 7677 Open Tube  
 Patient/Human  
 Specimen ID: 990812880018  
 Name:

Test Selection: CBC+R  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 22/08/99 20:54

X-B	WBC	RBC	PLT	RETC
In	In	In	In	In
WBC	7.73 10e9/L	WVF	.957	
NEU	1.86	%N	24.1	
LYM	3.74	%L	48.4	
MONO	1.78	%M	23.1	
EOS	.326	%E	4.22	
BASO	.020	%B	.258	

RBC	1.22s 10e12/L	RBCo	1.28
HGB	3.23 mmol/L		
HCT	.141sl/L		ASYM
MCV	115.5fl		
MCH	2.65s fmo1		
MCHC	23.0s mmol/L		
RDW	26.5s %CV		
RETC	----- 10e9/L	%R	-----
IRF	-----		
NRBC	5.07 10e9/L	NR/W	65.6
PLTo	290. 10e9/L	PLTi	285.
MPV	8.31 fl		
PDW	14.6 10(GSD)		
PCT	2.41 mL/L		



# Vzorek po dialýze

Sequence #: 4453 Autoloader r91t07  
 Patient/Human  
 Specimen ID: JX6223  
 Name:

Test Selection: CBC+RETC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 29/06/00 12:08

X-B In	WBC In	RBC -	PLT In	RETC In
WBC	15.0*10e9/L	WVF	.990*	<b>*InvalidData</b>
NEU	5.78*	%N	38.5*	
LYM	9.00*	%L	59.9*	
MONO	.214*	%M	1.43*	
EOS	.022*	%E	.149*	
BASO	0.00*	%B	0.00*	

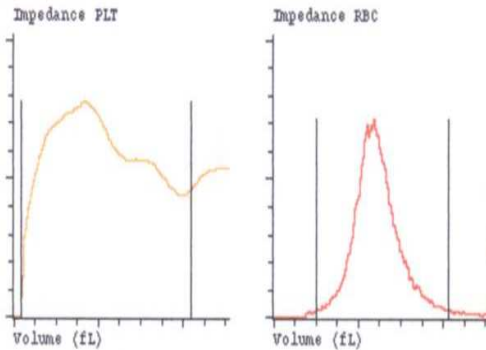
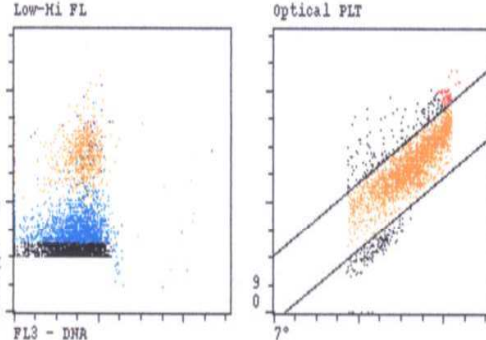
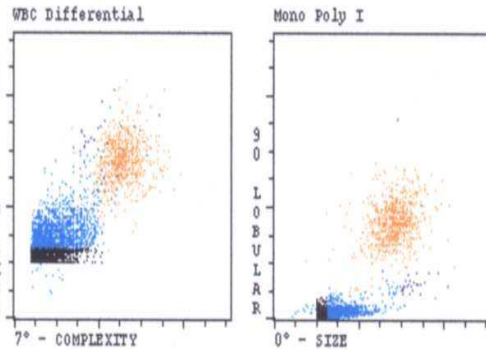
VARLYM .60

RBC	3.78s10e12/L	RBCo	3.85
HGB	8.08 mmol/L		rstRBC
HCT	.395 L/L		
MCV	104. fL		
MCH	2.13 fmol		
MCHC	20.5 mmol/L		
RDW	21.9 %CV		
RETC	95.3s10e9/L	%R	2.52s
IRF	.335	IR	
NRBC	0.00*10e9/L	NR/W	0.00*

PLTo	76.9 10e9/L	PLTi	90.3
MPV	16.6*fL	CD61	----
PDW	39.8*10(GSD)	PLTs	----
PCT	1.28*uL/L	PLT1	----

Manual Differential	'RBC Morphology		
SEG	'WETA	'NORMAL	'MICRO
BAND	'WYEL0	'POLYCH	'MACRO
LYMPH	'PRO	'HYPOCH	'ANISO
MONO	'BLAST	'POIK	'BASOSTIP
EOSIN	'VAR LYM	'TARGET	'
BASO	'TOXGRAN	'SPHERO	'NRBC
PLT EST	'PLT MORPH		

Comment:  
 \_\_\_\_\_  
 DIFF by: \_\_\_\_\_ Date: \_\_\_\_\_



WBC Count Rate Violation  
 Resistant RBC Interference with WBC results  
 Unable to Find Clear Separation Between WBC Subpopulations  
 Lower, Upper, or Lower and Upper Region Interference in PLTi Histogram  
 Lower, Upper, or Lower and Upper Region Interference in PLTi Histogram

# Po odstranění rstRBC

Sequence #: 4472 Autoloader r94t09  
 Patient/Human  
 Specimen ID: JX6223  
 Name:

Test Selection: CBC+R  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 29/06/00 12:56

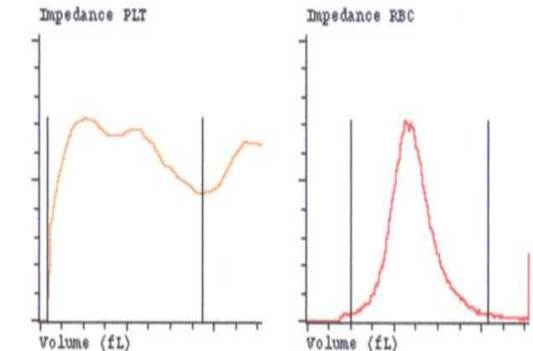
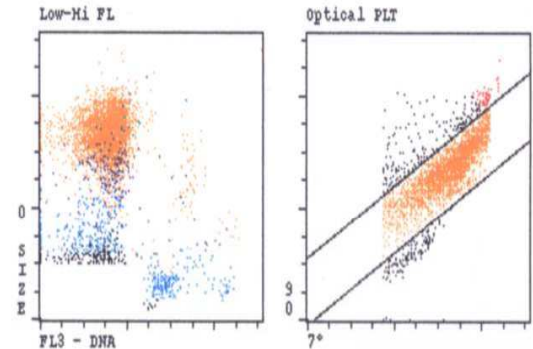
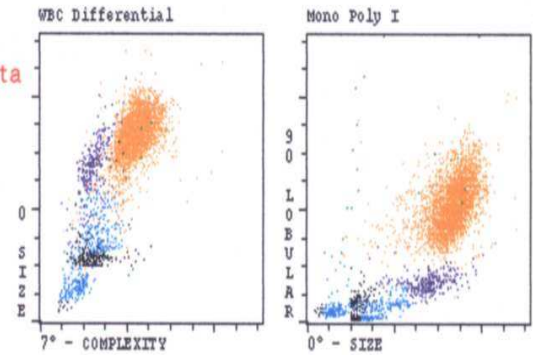
X-B In	WBC In	RBC -	PLT In	RETC In
WBC	6.47 10e9/L	WVF	.945	<b>*InvalidData</b>
NEU	5.55	%N	85.7	
LYM	.531	%L	8.21 FP?	
MONO	.364	%M	5.63	
EOS	.028	%E	.437	
BASO	.001	%B	.015	

RBC	3.74 10e12/L	RBCo	3.78
HGB	7.96 mmol/L		
HCT	.388 L/L		
MCV	104. fL		
MCH	2.13 fmol		
MCHC	20.5 mmol/L		
RDW	21.9 %CV		
RETC	---- 10e9/L	%R	----
IRF	----		
NRBC	0.00s10e9/L	NR/W	0.00s

PLTo	75.2 10e9/L	PLTi	81.3
MPV	13.2*fL	CD61	----
PDW	19.7*10(GSD)	PLTs	----
PCT	.992*uL/L	PLT1	----

Manual Differential	'RBC Morphology		
SEG	'WETA	'NORMAL	'MICRO
BAND	'WYEL0	'POLYCH	'MACRO
LYMPH	'PRO	'HYPOCH	'ANISO
MONO	'BLAST	'POIK	'BASOSTIP
EOSIN	'VAR LYM	'TARGET	'
BASO	'TOXGRAN	'SPHERO	'NRBC
PLT EST	'PLT MORPH		

Comment:  
 \_\_\_\_\_  
 DIFF by: \_\_\_\_\_ Date: \_\_\_\_\_



Lower, Upper, or Lower and Upper Region Interference in PLTi Histogram  
 Lower, Upper, or Lower and Upper Region Interference in PLTi Histogram

# Reakce na EDTA

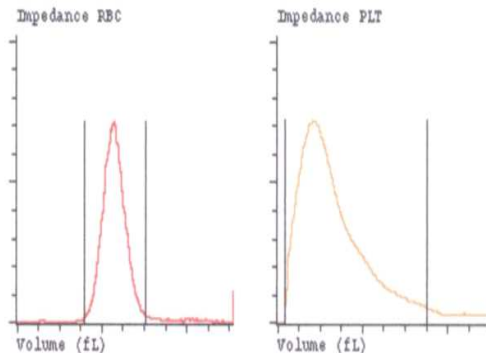
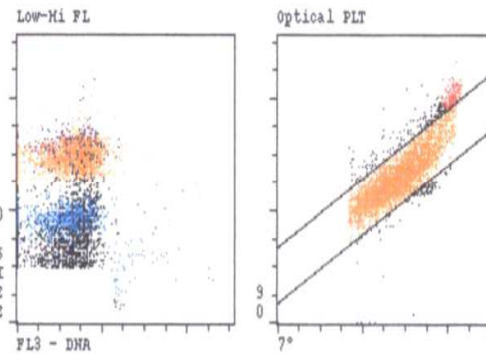
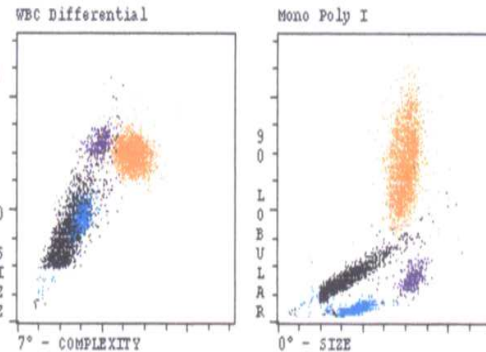
Sequence #: 8950 Autoloader r06t03  
 Patient/Human  
 Specimen ID: 030074152  
 Name: KATINKA JOHA PETERSEN

Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 02.05.00 09:47

X-B In	WBC In	RBC In	PLT In	RETC In
WBC	14.8 10e9/L	WVF .985		
SEG	9.64	%S 64.9		
BAND	0.00	%BD 0.00		
IG	0.00	%IG 0.00		
BLST	0.00*	%BL 0.00*		
MONe	1.27*	%Me 8.54*		
EOS	.016	%E .109		
BASO	.010	%B .068		
LYMe	3.92*	%Le 26.4*FP?		
VARL	0.00*	%VL 0.00*VARLYM .50		

RBC	3.56 10e12/L	RBCo 3.59
HGB	7.09 mmol/L	
HCT	33.0 %	
MCV	92.8 fl	
MCH	1.99 fmol	
MCHC	21.5 mmol/L	
RDW	11.3 %CV	
RETC	---- 10e9/L	%R ----
IRF	----	
NRBC	0.00s10e9/L	NR/W 0.00s
PLTo	132.*10e9/L	PLTi 140.*PltClmp
MPV	8.99*fl	CD61 ----
PDW	15.2*10(GSD)	PLTs ----
PCT	1.18*mL/L	PLTl ----

Manual Differential	'RBC Morphology		
SEG	'META	'NORMAL	'MICRO
BAND	'MYELO	'POLYCH	'MACRO
LYMPH	'PRO	'HYPOCH	'ANISO
MONO	'BLAST	'POIK	'BASOSTIP
EOSIN	'VAR LYM	'TARGET	
BASO	'TOXGRAN	'SPHERO	'NRBC
PLT EST		'PLT MORPH	



Unable to Find Clear Separation Between WBC Subpopulations  
 Significant Number of Cells Removed from WBC Differential Analysis  
 Interference with PLT Results Due to PLT Clumping

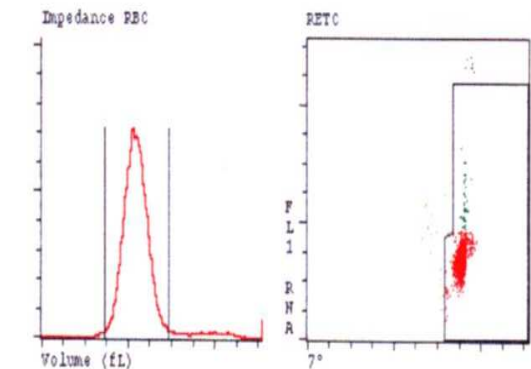
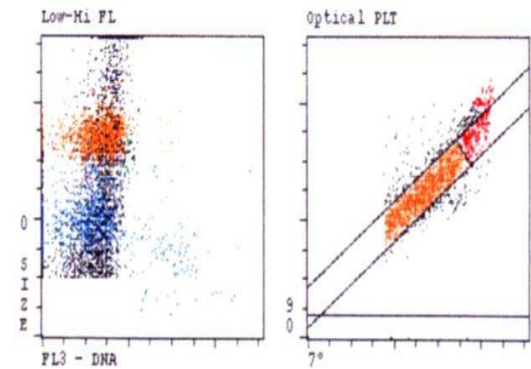
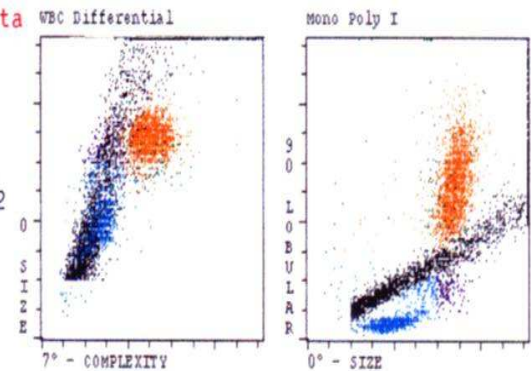
Comment:

Sequence #: 2568  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: IA5285  
 Name:

Test Selection: CBC+RETC  
 Param Set(from Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 22/01/97 12:17

WBC	6.46*10e9/L	WVF .961*
NEU	4.14*	%N 64.1*
LYM	1.87*	%L 29.0*
MONO	.257*	%M 3.98*
EOS	.189*	%E 2.93*
BASO	0.00*	%B 0.00*BAND .52

RBC	5.19 10e12/L	RBCo 5.28
HGB	15.7 g/dL	
HCT	.454 L/L	
MCV	87.5 fl	
MCH	30.2 pg	
MCHC	34.6 g/dL	
RDW	12.1 %	
RETC	43.6 10e9/L	%R .840
IRF	.232	
NRBC	0.00*10e3/uL	NR/W 0.00*
PLT	45.2*10e9/L	PLTi 49.6*PltClmp
MPV	10.5*fl	
PDW	16.8*10(GSD)	
PCT	.476*mL/L	





# Chladové protilátky

Sequence #: 861 Autoloader  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: 21432  
 Name:

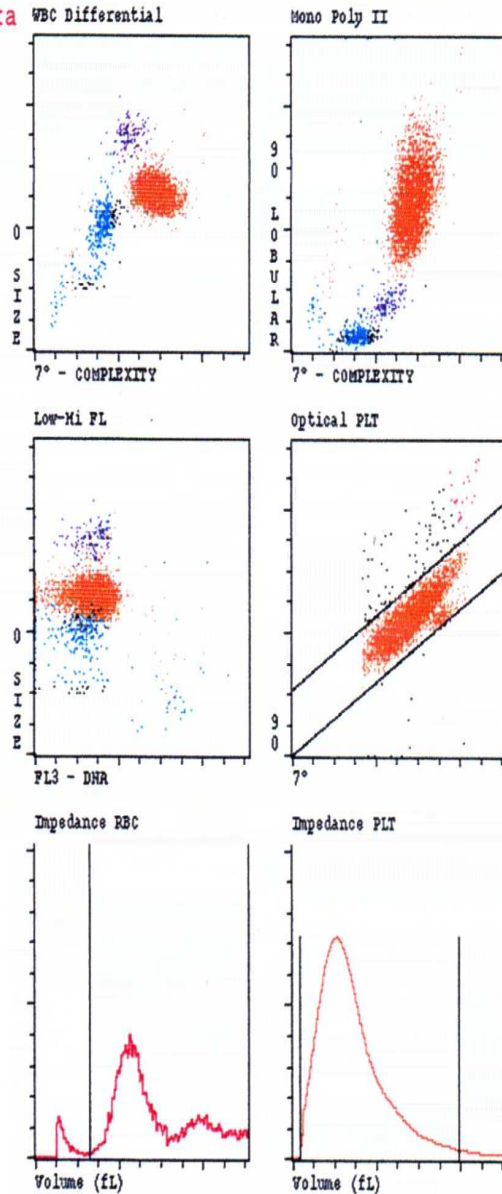
Test Selection: CBC  
 Param Set(from Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 30/09/97 13:04

**\*InvalidData**  
 WBC 15.4\*10e9/L WVF .989\*  
 NEU 14.0\* %N 91.2\*  
 LYM .849\* %L 5.53\*  
 MONO .375\* %M 2.45\*  
 EOS .035\* %E .230\*  
 BASO .096\* %B .627\*

RBC .993\*10e12/L RBCo .802\*  
 HGB 8.50\*mmol/L  
 HCT .116\*L/L  
 MCV 117.\*fL  
 MCH 8.56\*fmol  
 MCHC 73.2\*mmol/L  
 RDW 33.3\*%CV  
 RETC ---- 10e9/L %R ----  
 IRF ----  
 NRBC 0.00\*10e9/L NR/W 0.00\*

PLT 281.\*10e9/L PLTi 304.\*  
 MPV 9.36\*fL  
 PDW 15.2\*10(GSD)  
 PCT 2.63\*%L/L

ASYM



# Po zahřátí

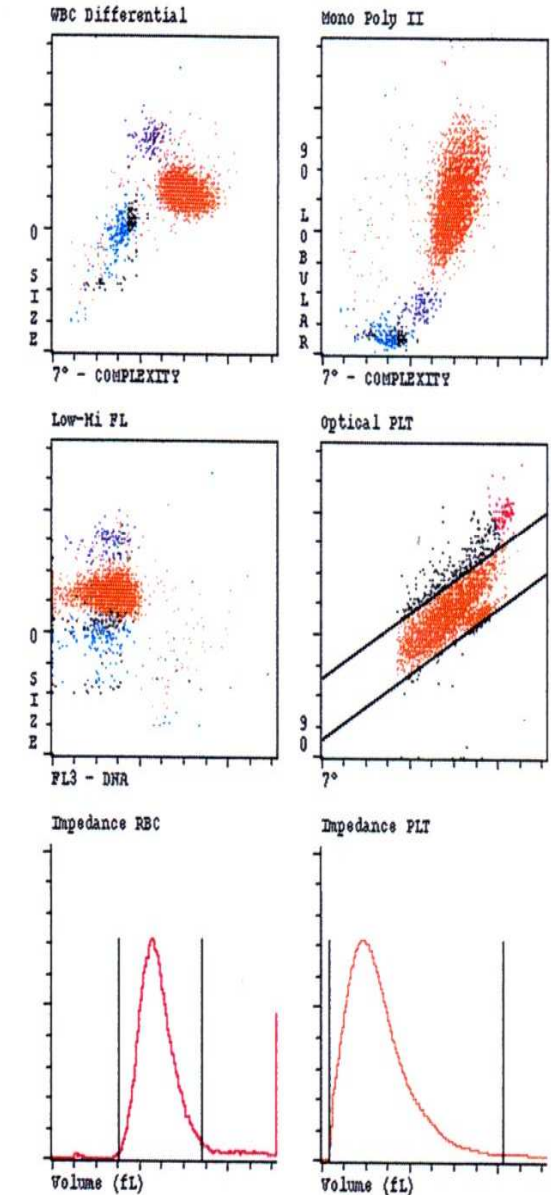
Sequence #: 917 Open Tube  
 Specimen Type/SubType: Patient/Human  
 Specimen ID: 21432  
 Name:

Test Selection: CBC+RETC  
 Param Set(from Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 30/09/97 16:09

WBC 15.7 10e9/L WVF .987  
 NEU 14.5 %N 92.3  
 LYM .562 %L 3.57  
 MONO .370 %M 2.35  
 EOS .040 %E .252  
 BASO .232 %B 1.48

RBC 4.20 10e12/L RBCo 4.03  
 HGB 8.49 mmol/L  
 HCT .402 L/L  
 MCV 95.6 fL  
 MCH 2.02 fmol  
 MCHC 21.1 mmol/L  
 RDW 15.7 %CV  
 RETC 91.4s10e9/L %R 2.17s  
 IRF .305  
 NRBC 0.00 10e9/L NR/W 0.00

PLT 280. 10e9/L PLTi 272.  
 MPV 8.69 fL  
 PDW 16.5 10(GSD)  
 PCT 2.44 %L/L



# ALL a fragmenty cytoplazmy

Sequence #: 2699 Autoloader r38t02  
 Patient/Human  
 Specimen ID: 000213479091  
 Name:

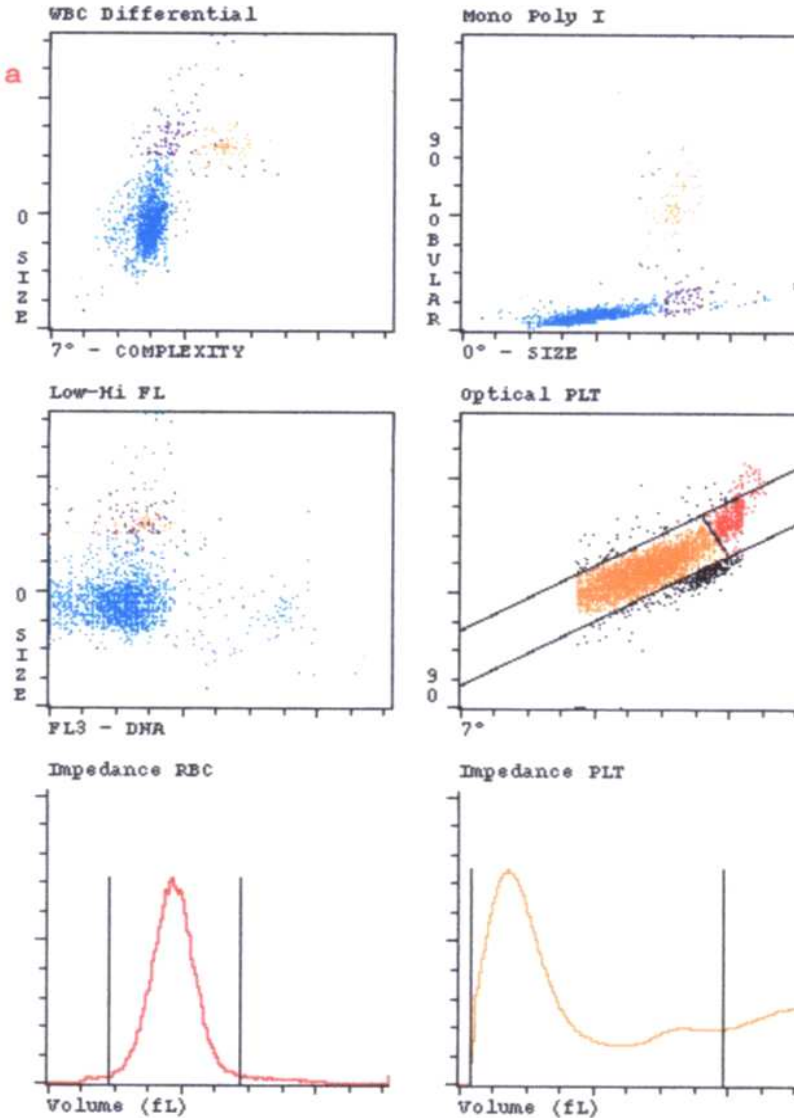
Test Selection: CBC  
 Param Set(Chart Page): 1  
 Limit Set: 1  
 Run Date/Time: 21/02/00 08:57

X-B In	WBC 2 Out	RBC In	PLT In	RETC In
WBC	3.36 10e9/L	WVF	.956	<b>*InvalidData</b>
NEU	.133	%N	3.95	
LYM	3.08s	%L	91.7s	
MONO	.136s	%M	4.05s	
EOS	.010	%E	.296	
BASO	0.00	%B	0.00	

BLAST .73  
 VARLYM .60

RBC	3.74 10e12/L	RBC <sub>o</sub>	3.78
HGB	5.81 mmol/L		
HCT	.287 L/L		
MCV	76.6 fL		
MCH	1.55 fmol		
MCHC	20.3 mmol/L		
RDW	17.9 %CV		
RETC	---- 10e9/L	%R	----
IRF	----		
NRBC	0.00 10e9/L	NR/W	0.00

PLT <sub>o</sub>	81.5*10e9/L	PLT <sub>i</sub>	131.*
MPV	5.41*fL	CD61	----
PDW	15.1*10(GSD)	PLT <sub>s</sub>	----
PCT	.441* $\mu$ L/L	PLT <sub>l</sub>	----



Lower, Upper, or Lower and Upper Region Interference in PLTi Histogram  
 PIC/POC Delta