



## **HORIBA India Private Limited**

246, Okhla Industrial Estate Phase-III,  
New Delhi 110020, India  
Tel : +91 (11) 4646 5000 / 4669 5001  
Fax : +91 (11) 4646 5020  
http : //www.horiba.com  
CIN : U73100DL2006PTC153232

### **CALIBRATION CERTIFICATE**

This is to certify that the Hematology Analyzer **Micros ES60** bearing serial number: **110ESOH18819** installed at **KRSNAA Diagnostics, Rajpura, Punjab** has calibrated on 02 April 2024.

Calibrator : ABX MINOCAL  
Lot No. : CX493  
Expiry Date: 05<sup>th</sup> May 2024

The reports of Blank Cycle, Repeatability and Calibration Values were all found in acceptable range.

Next calibration cycle is due on **1 April 2025**.



Shrish Dixit

(Head- Products & Marketing)  
For **Horiba India Pvt. Ltd.**

**HORIBA**

Medical

**HORIBA India Private Limited**

246, Okhla Industrial Estate Phase-III,  
New Delhi 110020, India  
Tel : +91 (11) 4646 5000 / 4669 5001  
Fax : +91 (11) 4646 5020  
http : //www.horiba.com  
CIN : U73100DL2006PTC153232

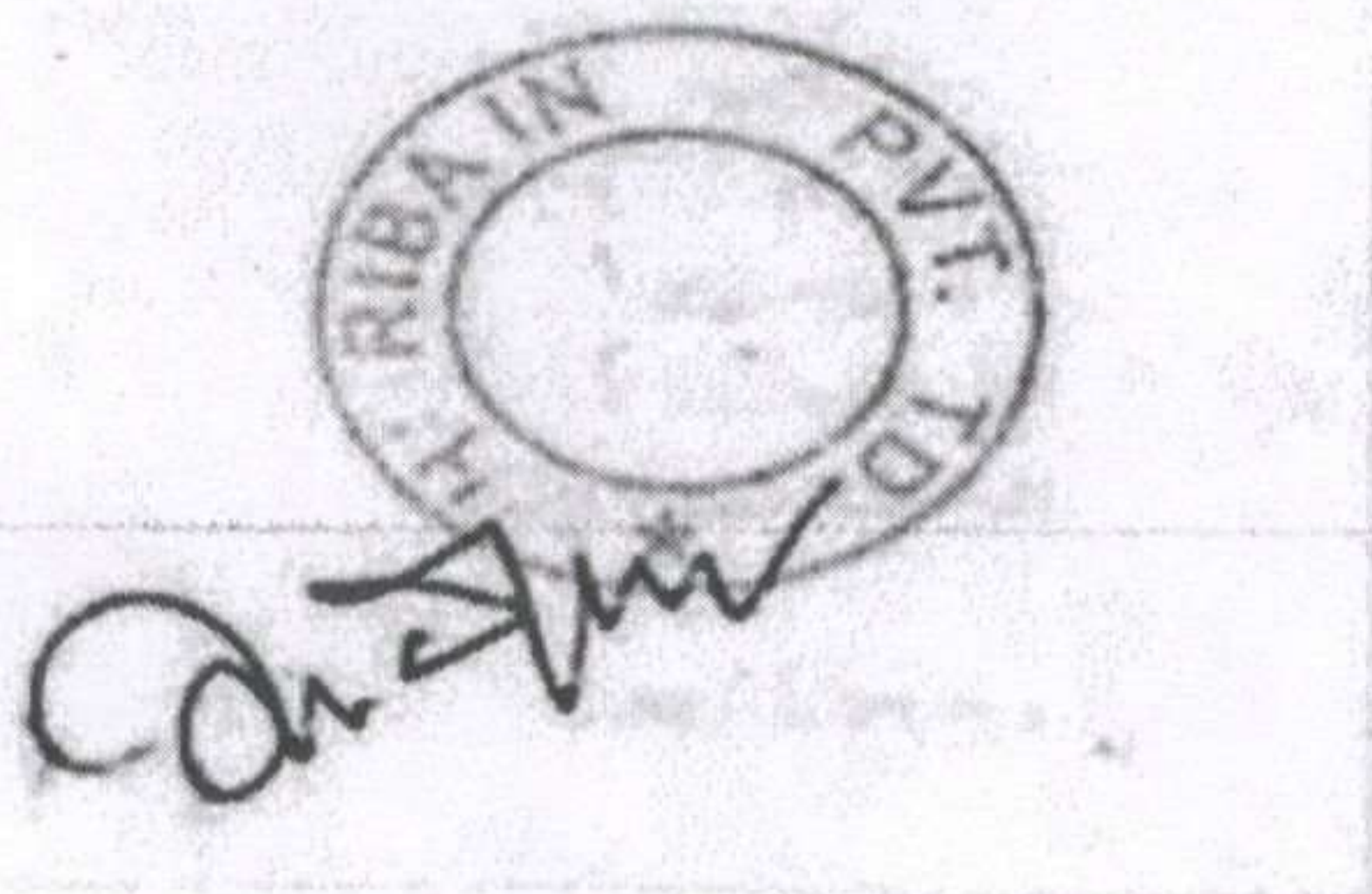
**CALIBRATION CERTIFICATE**

This is to certify that the Hematology Analyzer **Micros ES60** bearing serial number: **110ESOH18819** installed at **KRSNAA Diagnostics, Rajpura, Punjab** has calibrated on 02 April 2024.

Calibrator : ABX MINOCAL  
Lot No. : CX493  
Expiry Date: 05<sup>th</sup> May 2024

The reports of Blank Cycle, Repeatability and Calibration Values were all found in acceptable range.

Next calibration cycle is due on **1 April 2025**.



*Mahinder Singh*

Shrish Dixit

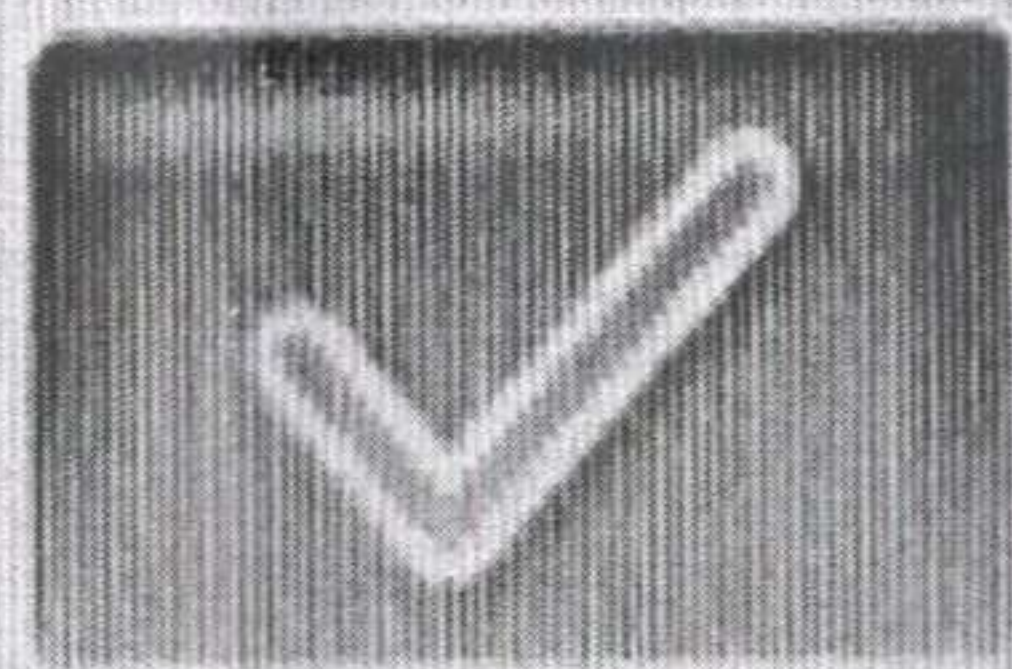
(Head- Products & Marketing)  
For **Horiba India Pvt. Ltd.**

## Reference blank counting



WBC	0.0	$10^3/\text{mm}^3$
RBC	0.01	$10^6/\text{mm}^3$
HGB	0.0	g/dl
PLT	7	$10^3/\text{mm}^3$

Makinder Sinsu

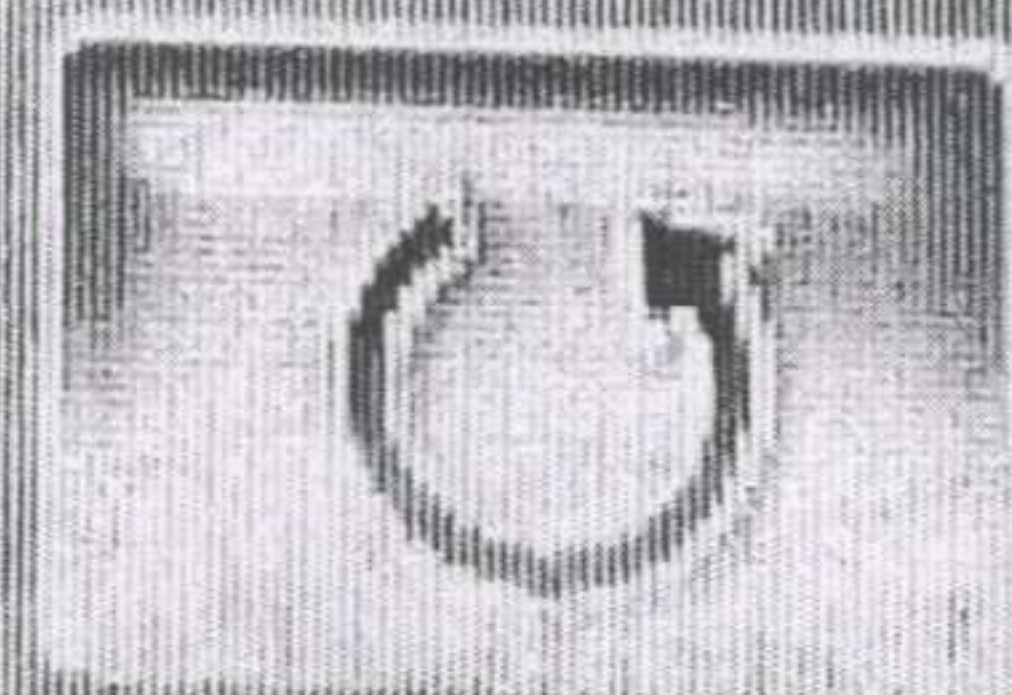
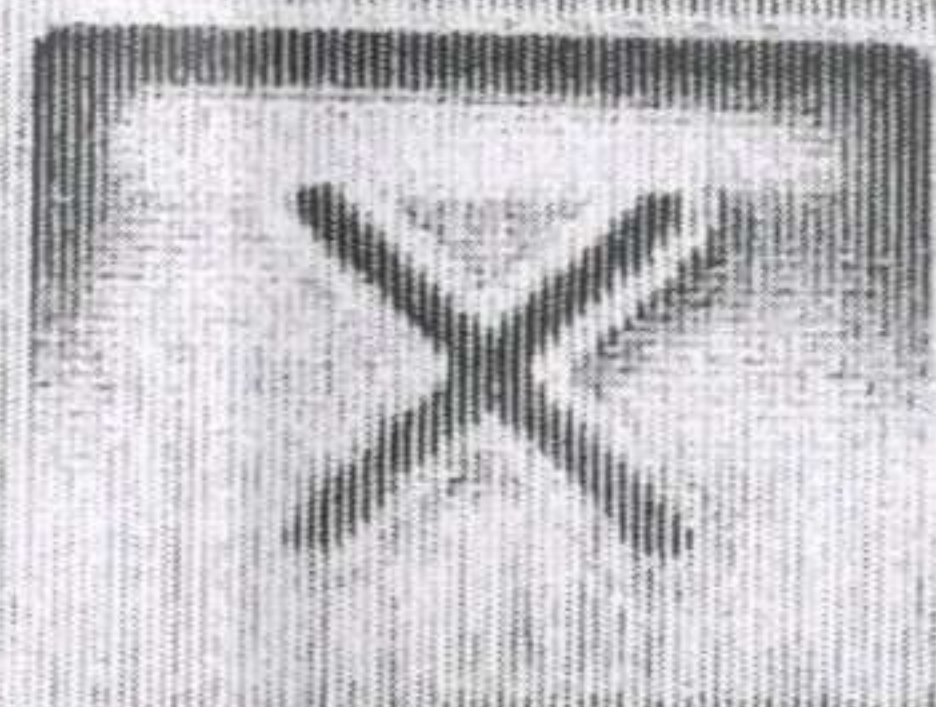


Alarms:

[Empty rectangular box for alarm settings]

	WBC 10 <sup>3</sup> /mm <sup>3</sup>	RBC 10 <sup>6</sup> /mm <sup>3</sup>	HGB g/dL	HCT %	PLT 10 <sup>3</sup> /mm <sup>3</sup>	MPV μm <sup>3</sup>
Average	8.5	4.33	12.9	36.2	213	8.1
%BAL	6.1	2.34	3.9	4.9	10	7.0
CV	0.5	0.77	0.3	0.9	3	2.1
New Coef	1.06	0.82	1.29	1.00	1.13	1.03
Old Coef	1.00	0.80	1.24	0.95	1.02	0.96
Target	9.1	4.43	13.4	38.1	236	8.7
A 1	8.3	4.25	12.6	35.5	223	8.1
2	8.6	4.38	12.9	36.7	219	8.0
3	8.5	4.29	12.8	35.8	209	8.2
4	8.5	4.35	12.9	36.5	221	8.3
5	8.6	4.31	12.9	36.2	209	7.8
6	8.6	4.30	12.9	36.0	209	8.2
7						
8						
9						
10						
11						

Mahinder Singh



status



QC

Ext. QC

XB

Cal

QCP

# Calibration result

Date

User

Lot number

Name

02/04/2024

tech

CX493

MINOCAL

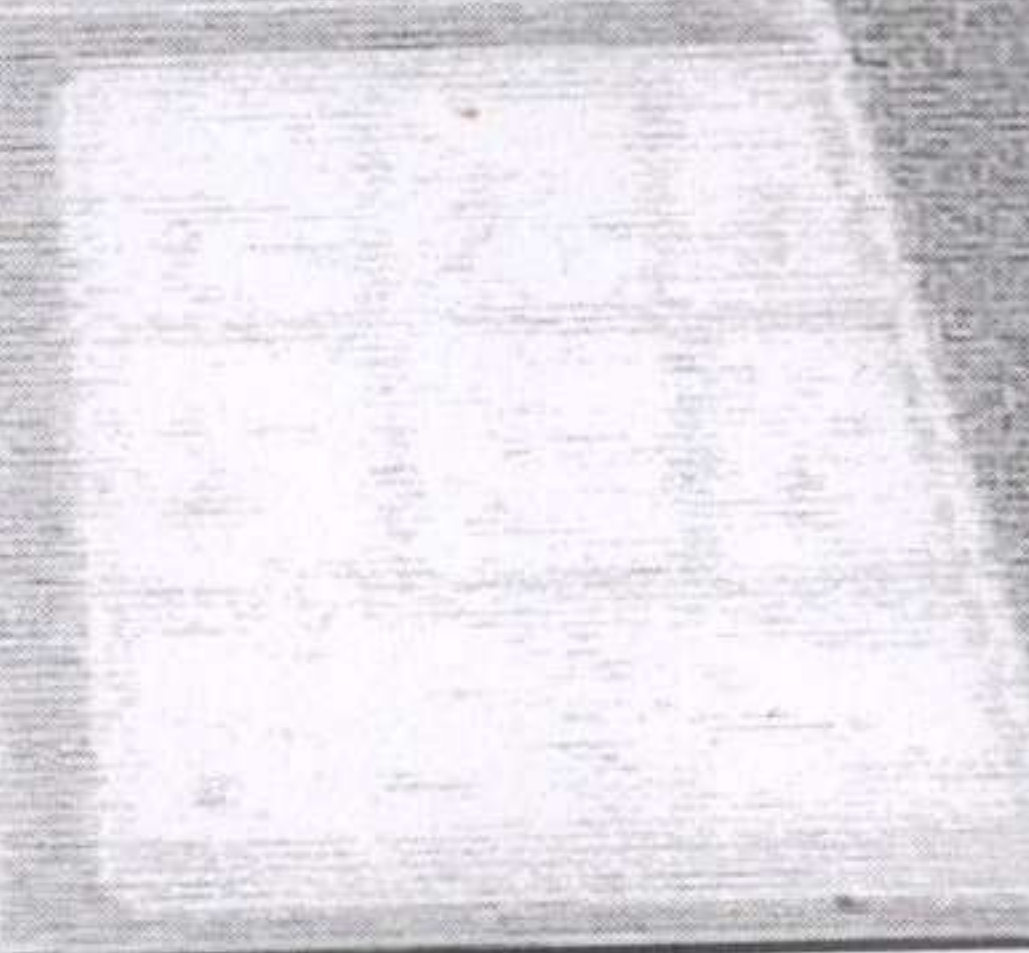
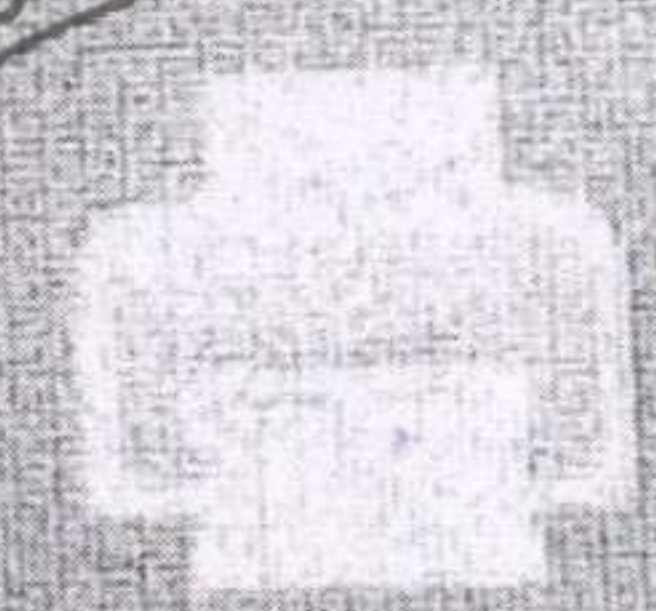
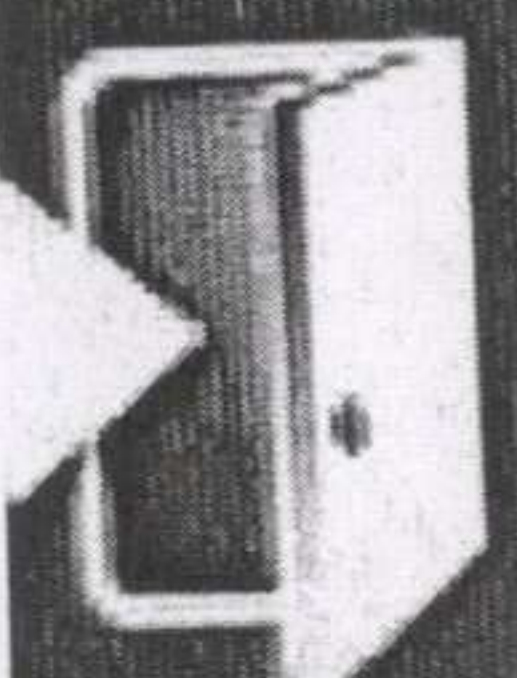
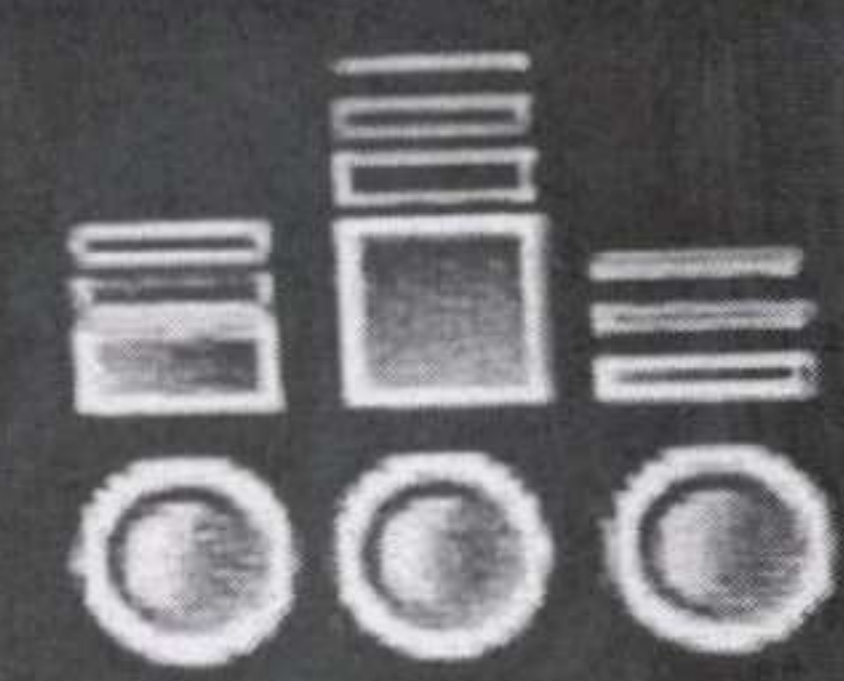
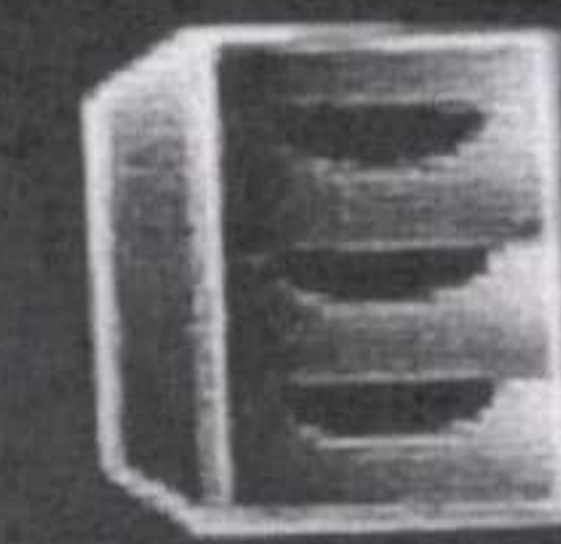
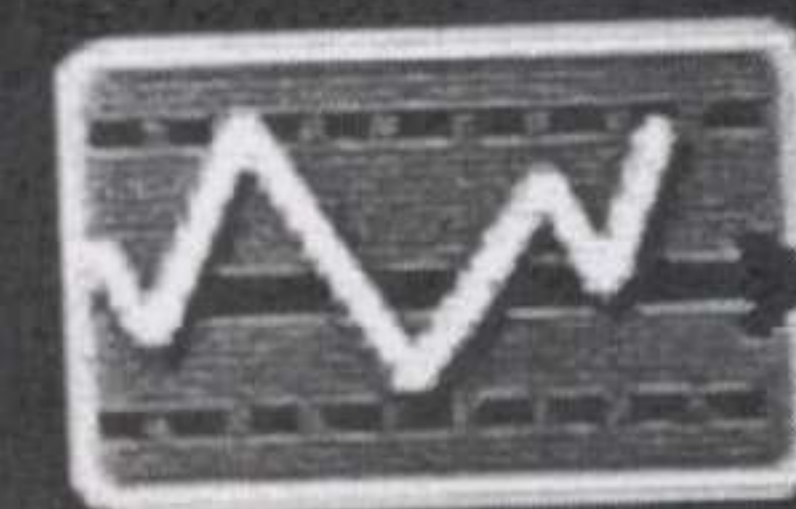
Summary view

Alarms:

Stat	WBC 10 <sup>3</sup> /mm <sup>3</sup>	RBC 10 <sup>6</sup> /mm <sup>3</sup>	HGB g/dL	HCT %	PLT 10 <sup>3</sup> /mm <sup>3</sup>	MPV μm <sup>3</sup>
Average	8.5	4.33	12.9	36.2	213	8.1
Target	9.1	4.43	13.4	38.1	236	8.7
CV	0.5	0.77	0.3	0.9	3	2.1
%BAL	6.1	2.34	3.9	4.9	10	7.0
Coef						
Old	1.00	0.80	1.24	0.95	1.02	0.96
▶ Auto	1.06	0.82	1.29	1.00	1.13	1.03
Manu						

Mehinder Smsr

Mehinder Smsr



Sample ID: MX445L  
Name: MX445  
Expiry date: 05/04/2024

Date: 02/04/2024  
Time: 09:43 AM

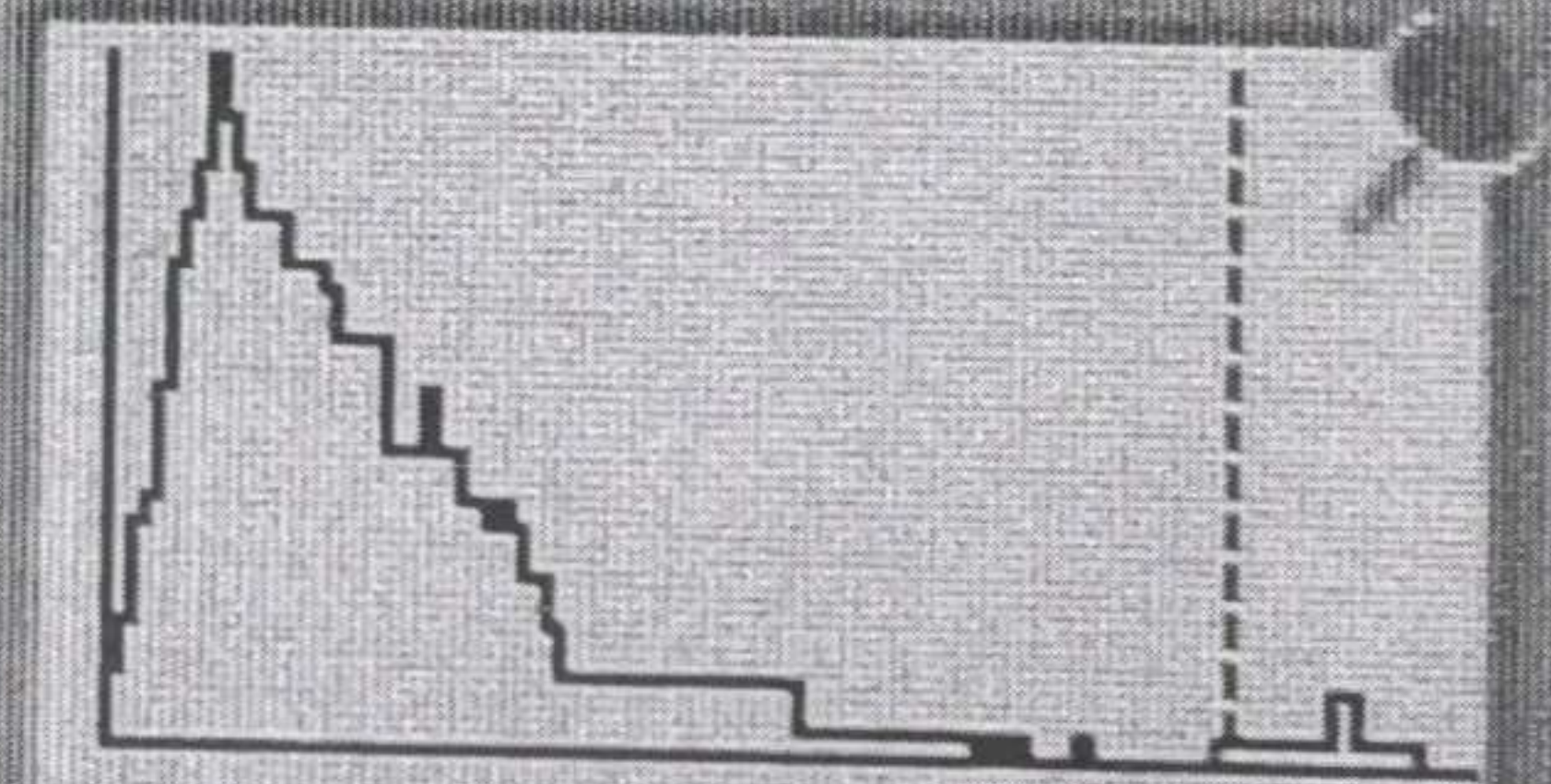
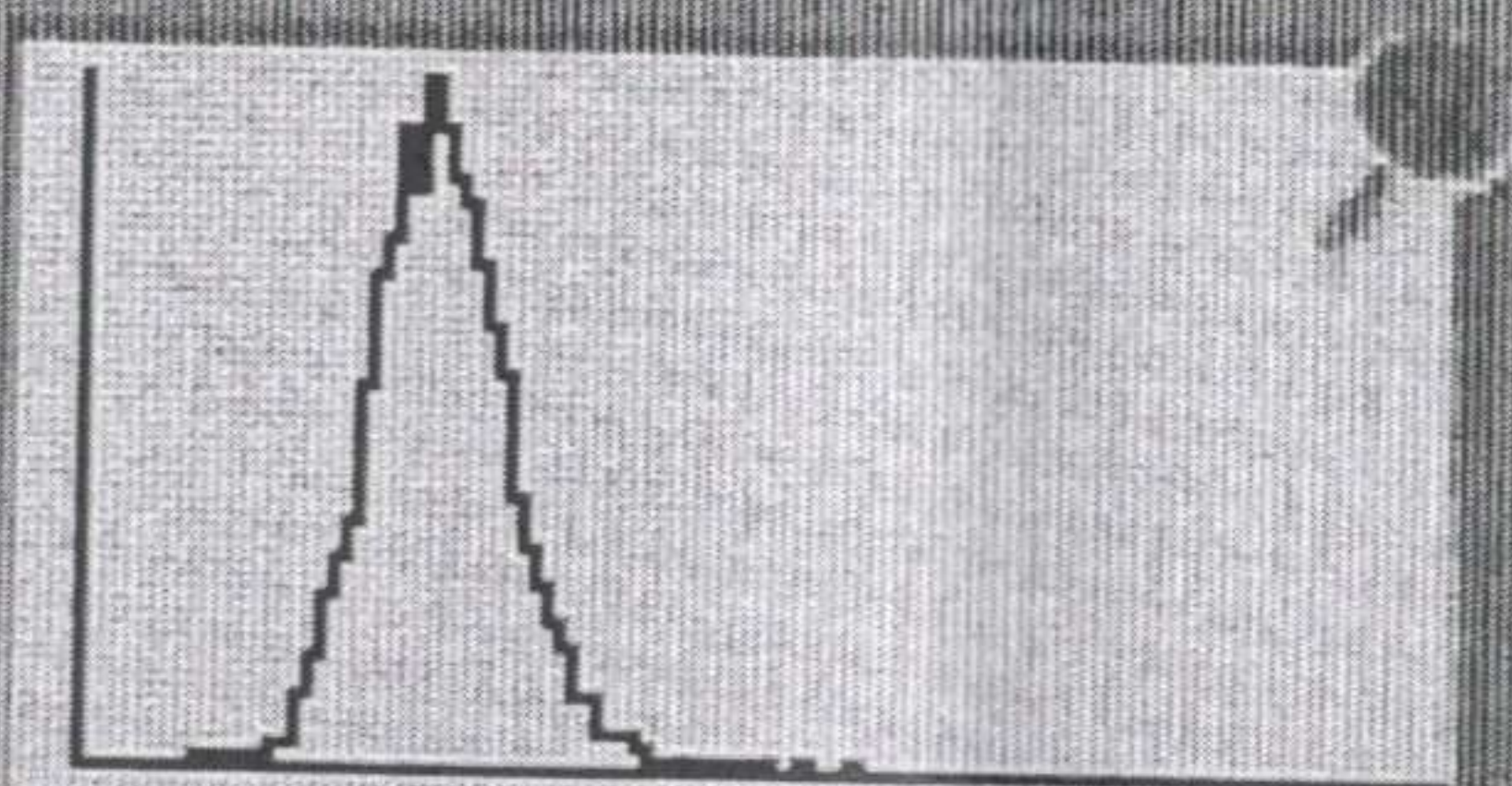
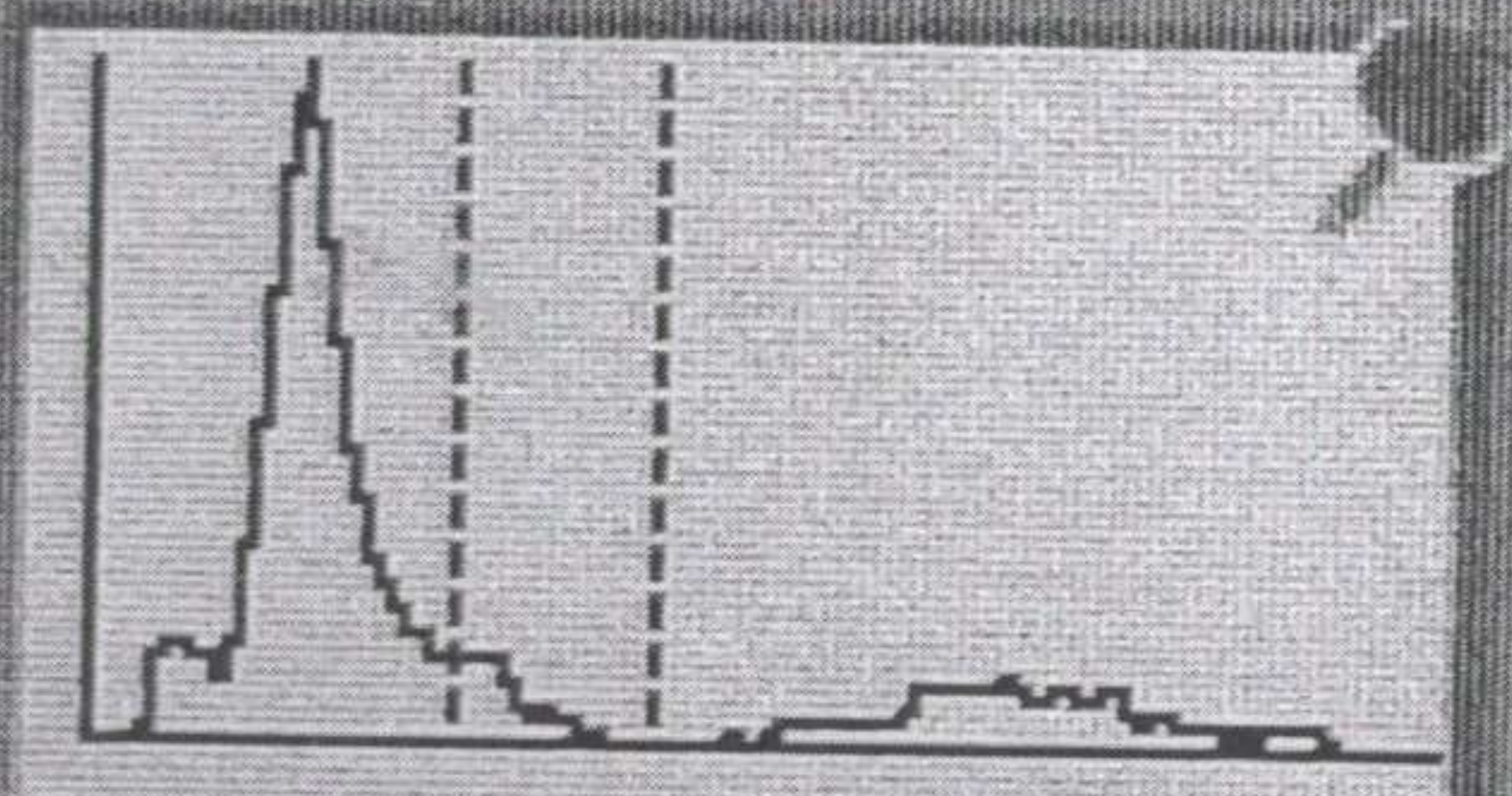
status  
○○○○

Alarms

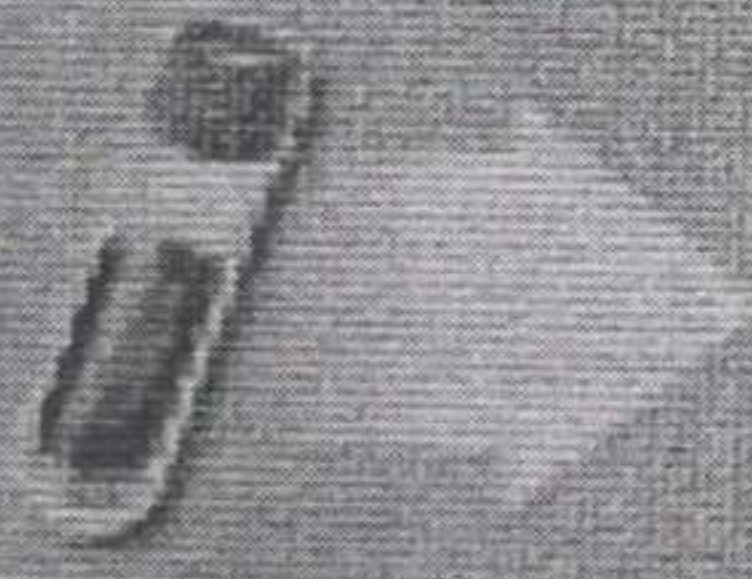
WBC	$10^3/\text{mm}^3$	2.1
LYM%	%	66.8
MON%	%	8.3
GRA%	%	24.9
LYM#	$10^3/\text{mm}^3$	1.40
MON#	$10^3/\text{mm}^3$	0.10
GRA#	$10^3/\text{mm}^3$	0.60

RBC	$10^3/\text{mm}^3$	2.21
HGB	g/dL	5.6
HCT	%	16.4
MCV	$\mu\text{m}^3$	74
MCH	pg	25.5
MCHC	g/dL	34.4
RDW-CV	%	14.7

PLT	$10^3/\text{mm}^3$	75
MPV	$\mu\text{m}^3$	8.6



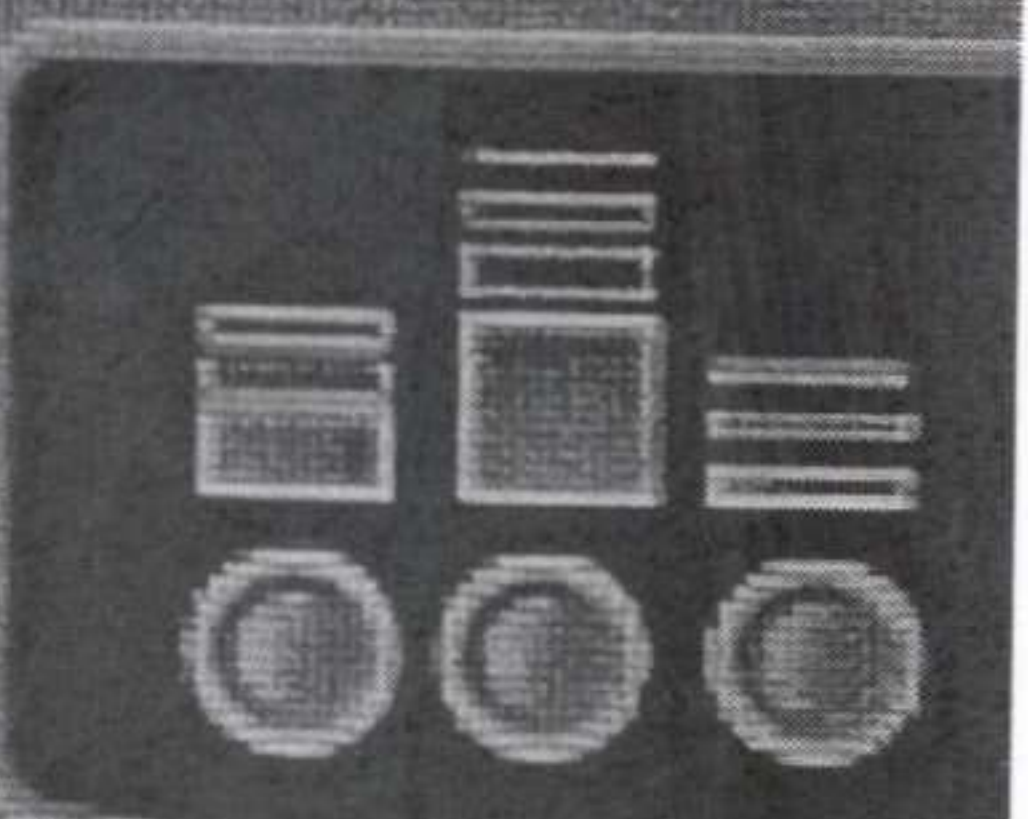
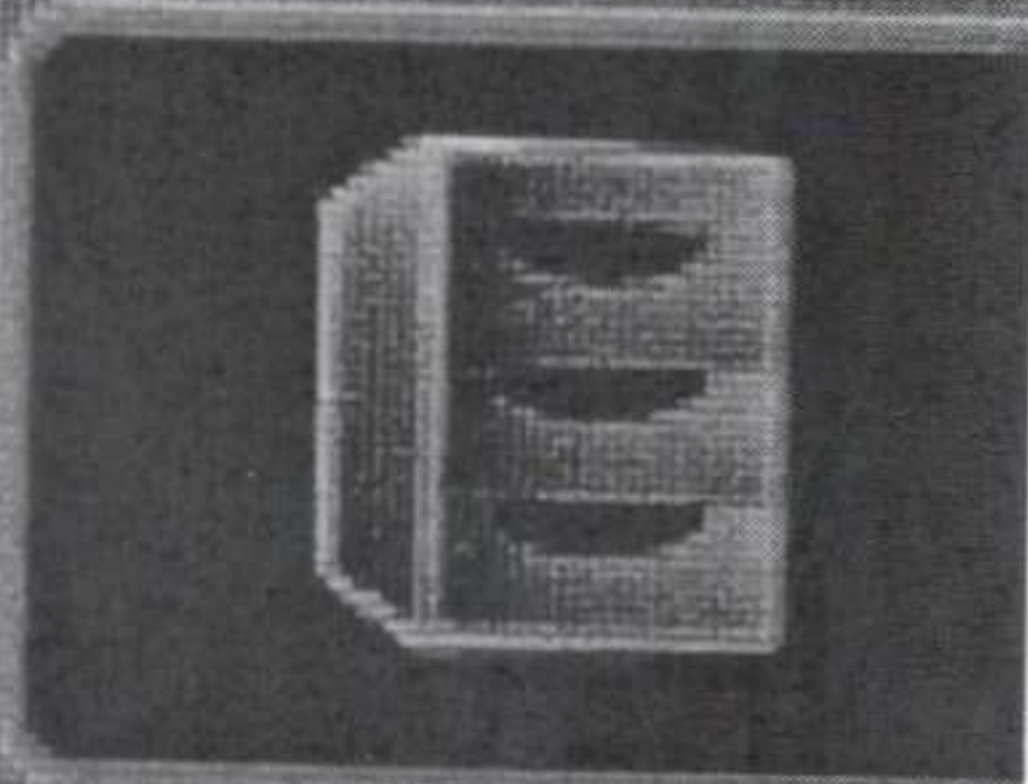
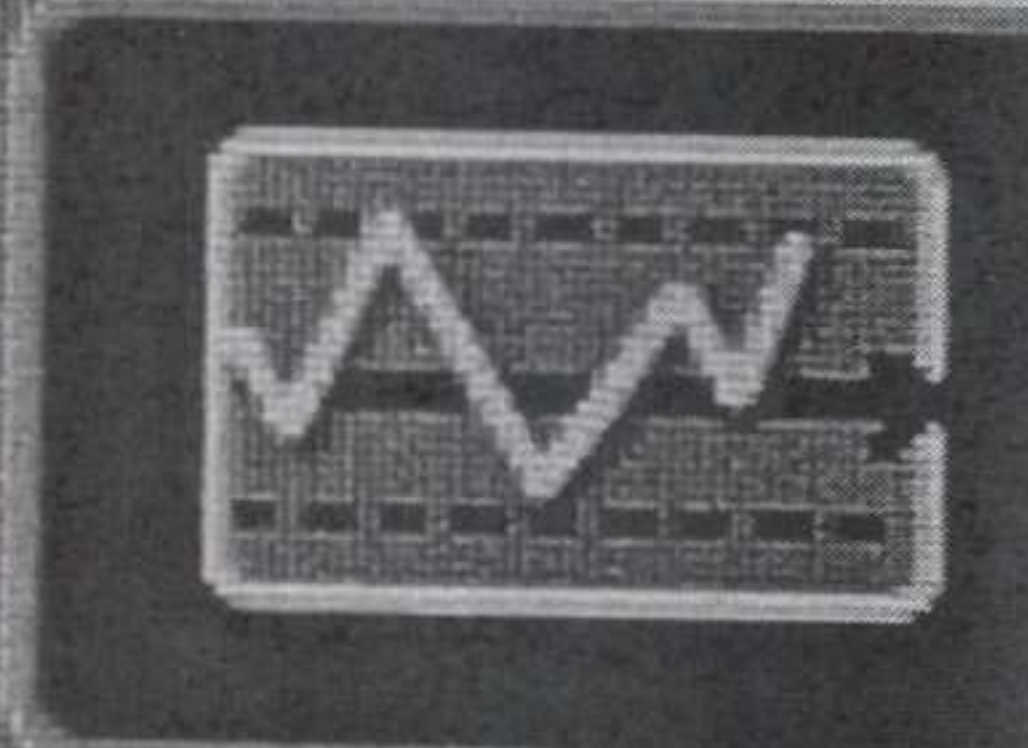
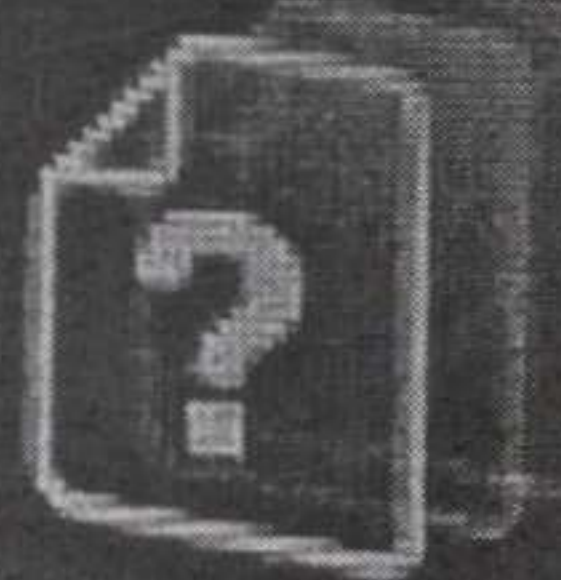
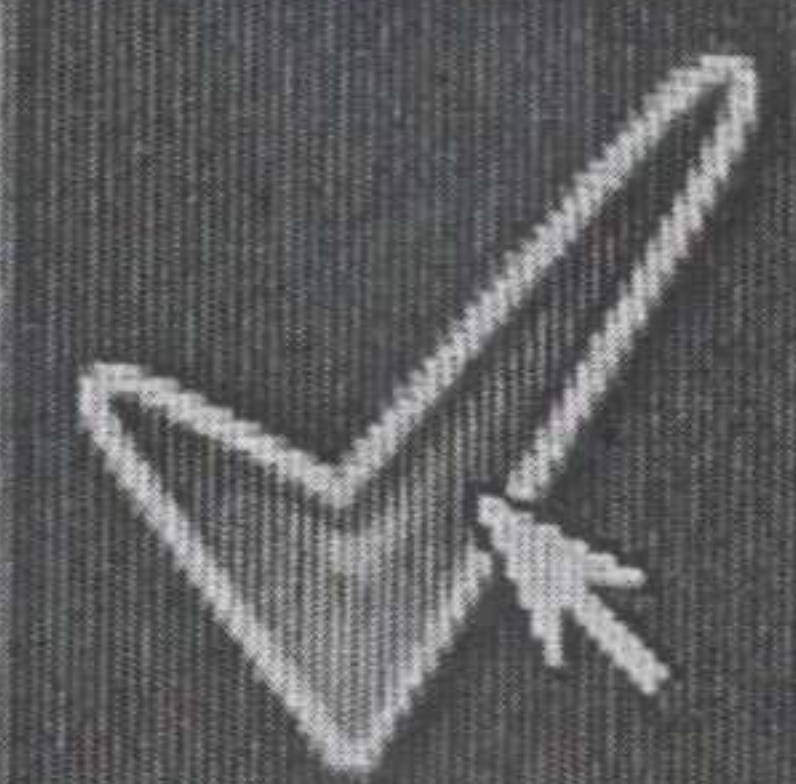
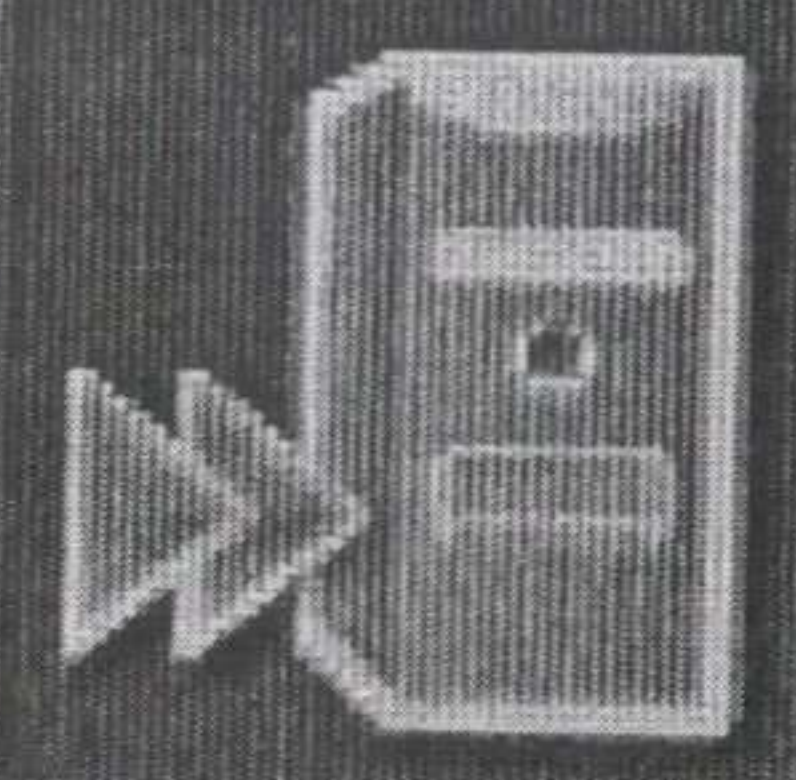
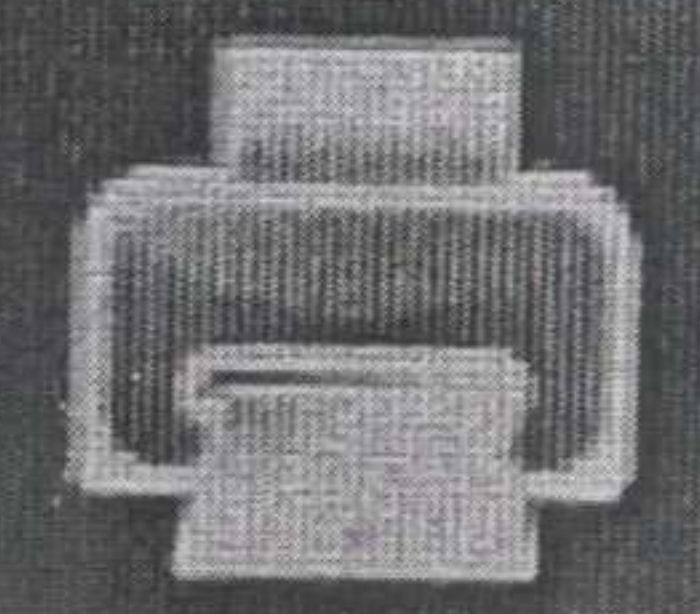
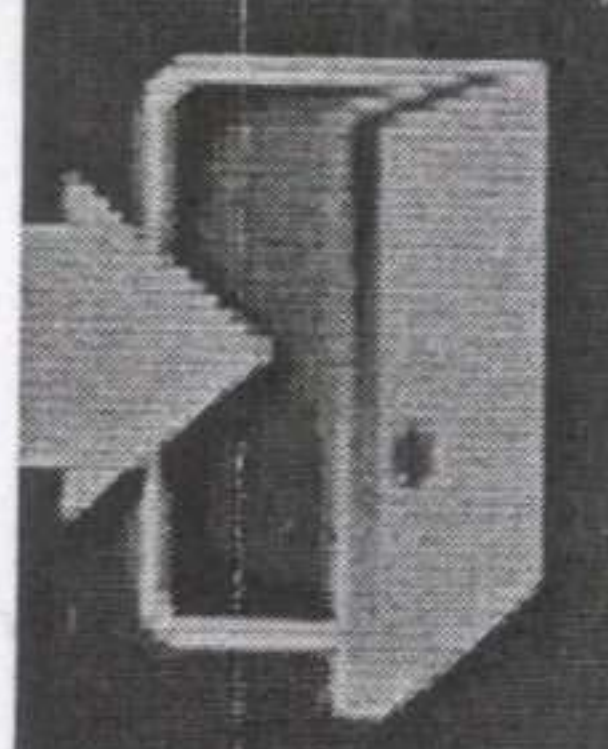
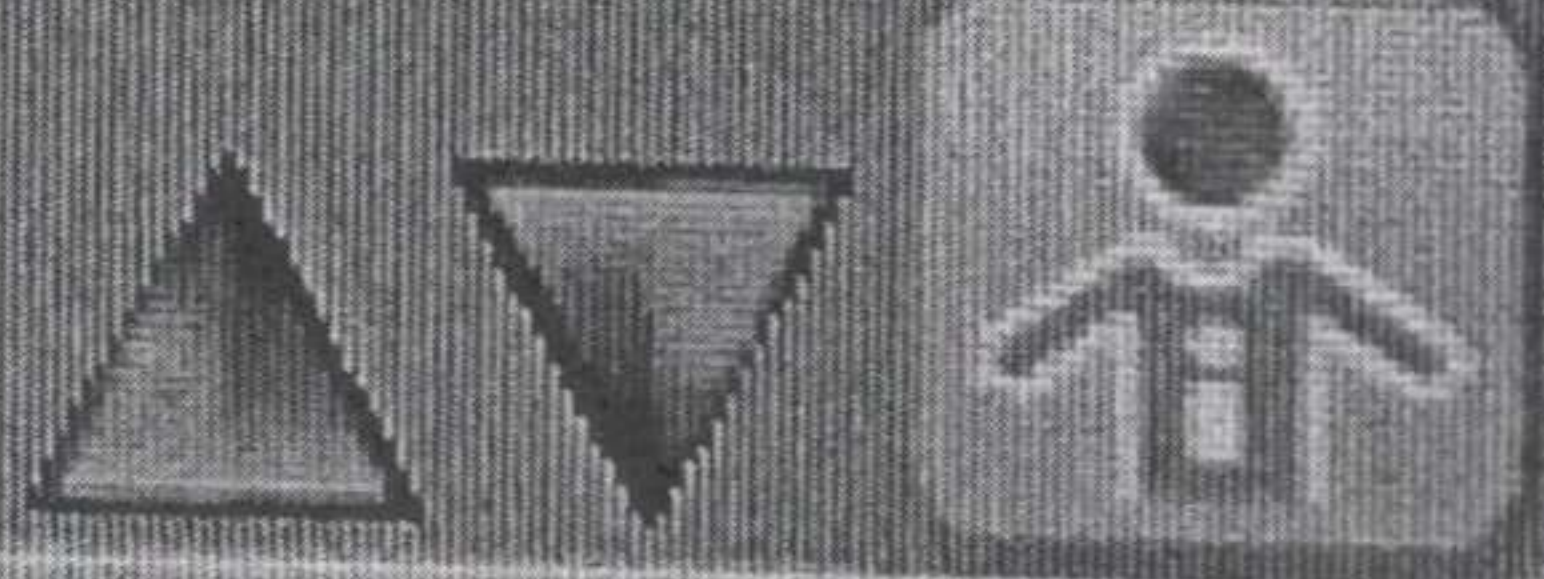
*Mahinder Singh*



Next Sample

Sample ID  
AUTOSID001

Type  
Man



Sample ID: MX445N

Name: MX445

Expiry date: 05/04/2024

Date: 02/04/2024

Time: 09:53 AM

status

Alarms:

WBC  $10^3/mm^3$  7.8

LYM% % 36.2

MON% % 6.3

GRA% % 57.5

LYM#  $10^3/mm^3$  2.80

MON#  $10^3/mm^3$  0.40

GRA#  $10^3/mm^3$  4.60

RBC  $10^6/mm^3$  4.56

HGB g/dL 13.3

HCT % 35.9

MCV  $\mu m^3$  79

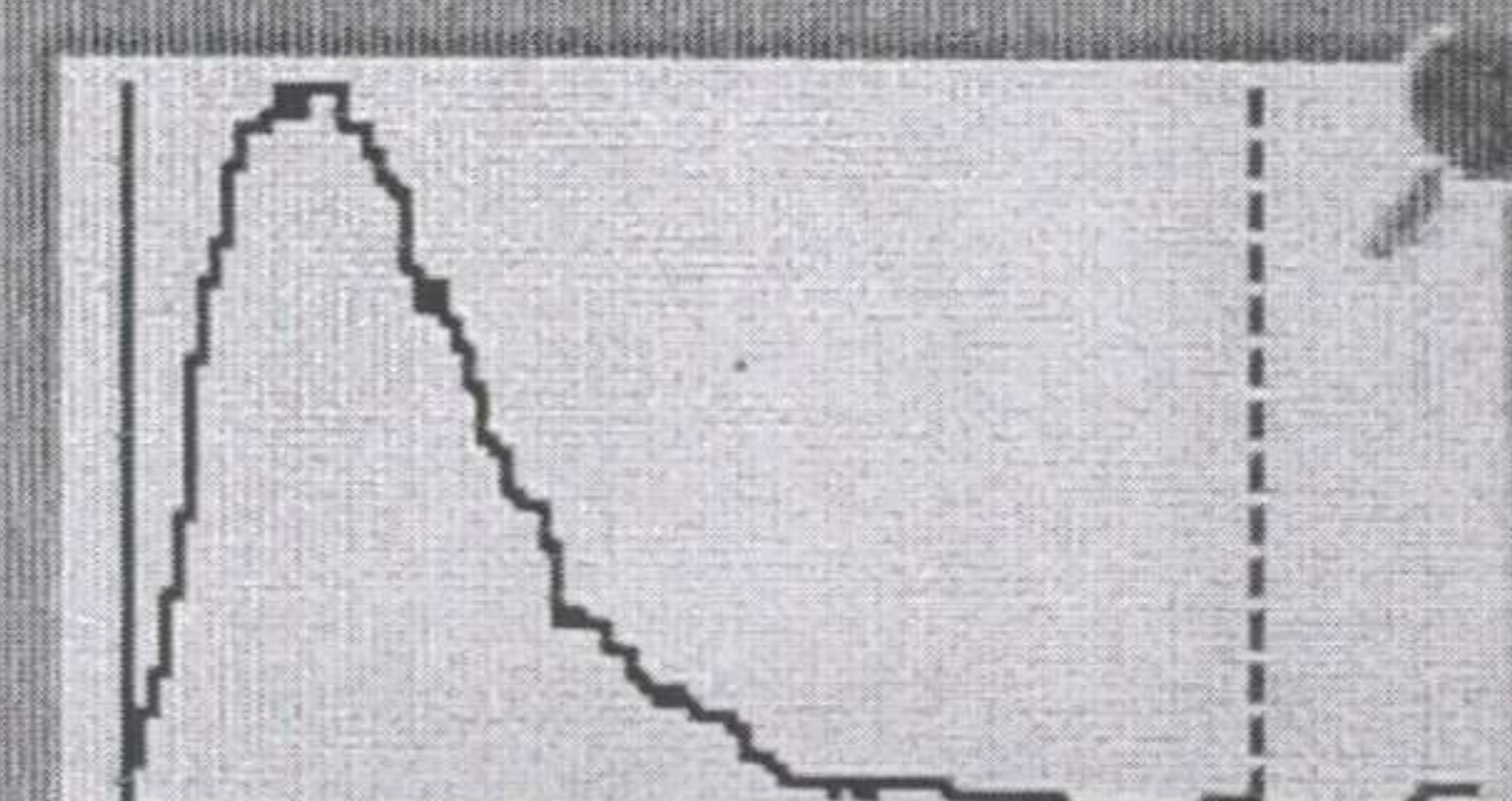
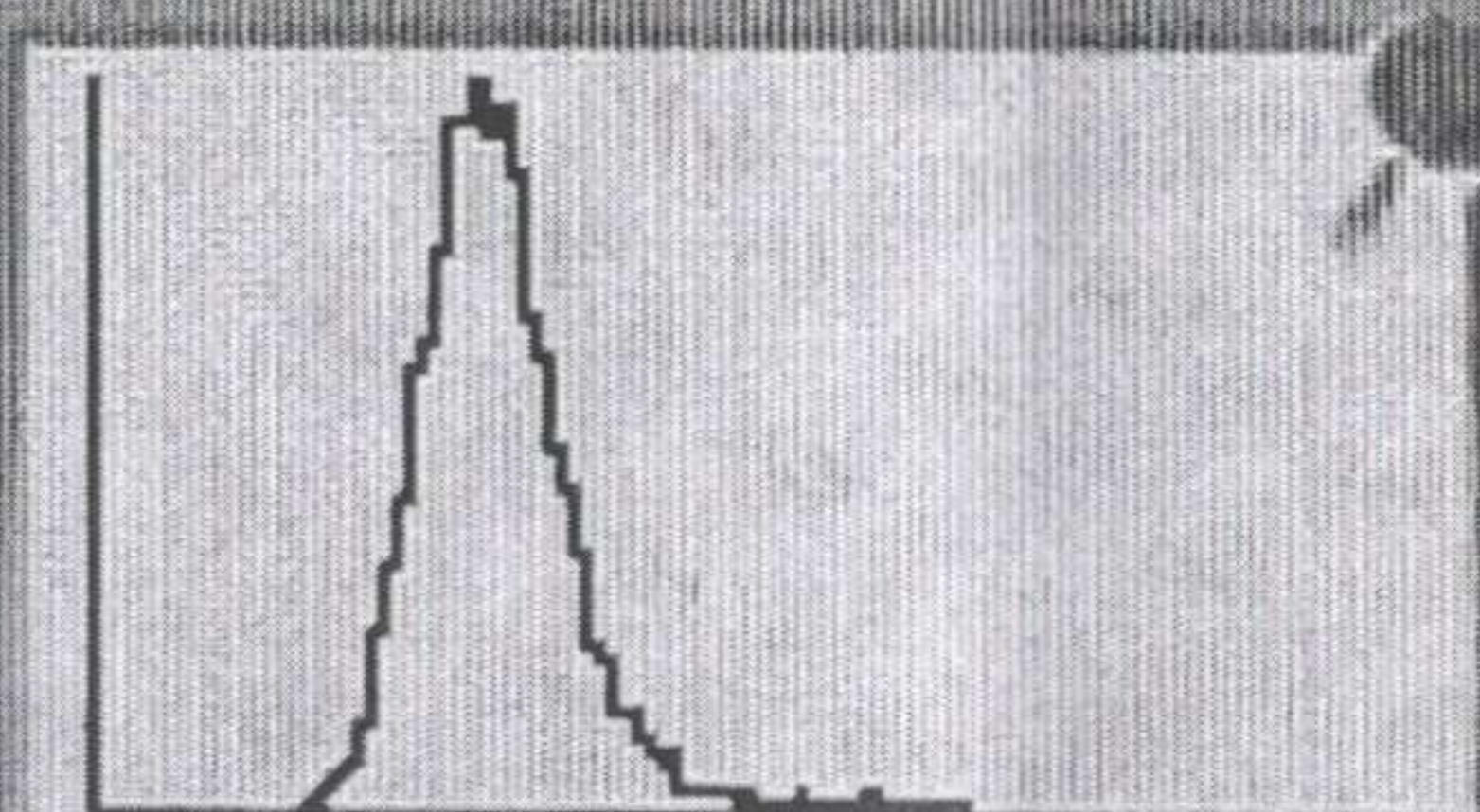
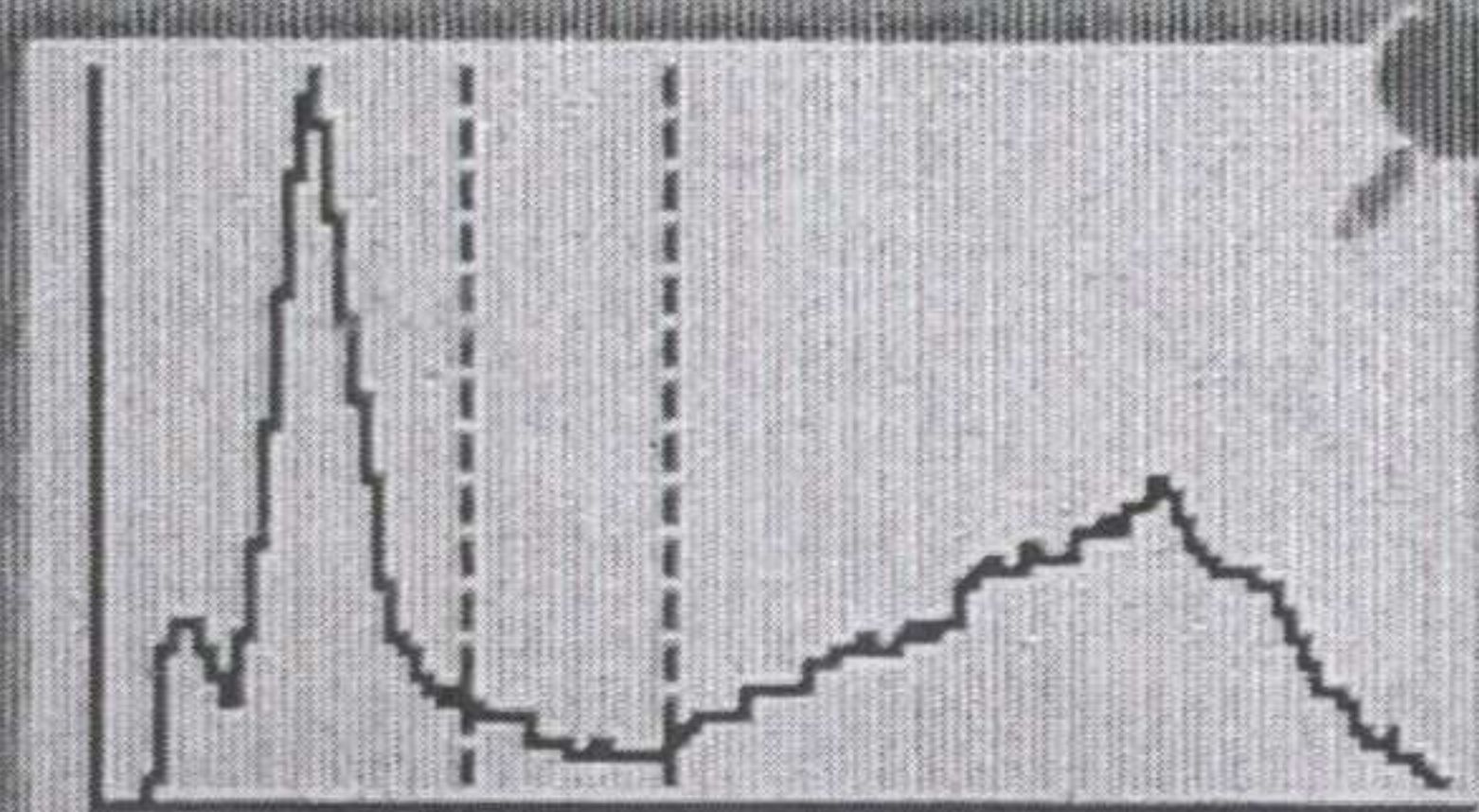
MCH pg 29.2

MCHC g/dL 37.0

RDW-CV % 14.1

PLT  $10^3/mm^3$  259

MPV  $\mu m^3$  8.3



Machine of Smith

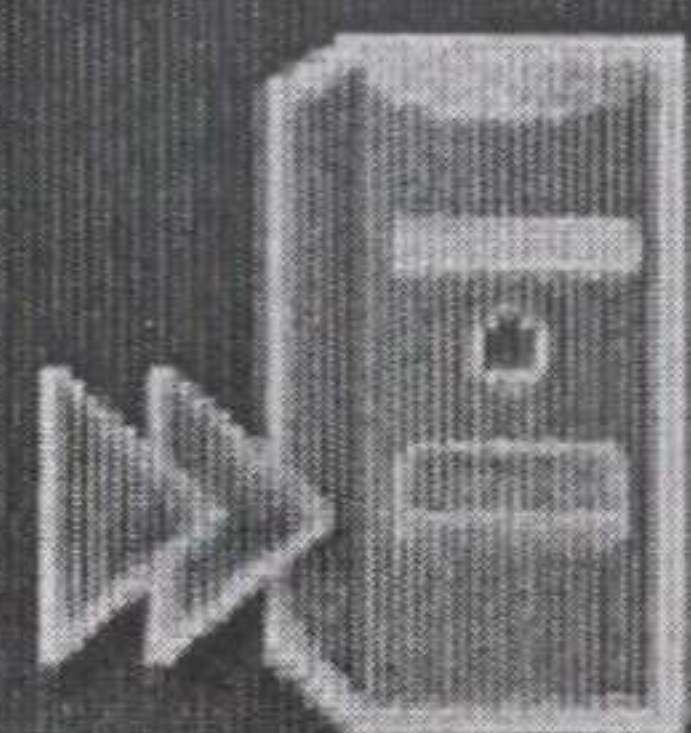
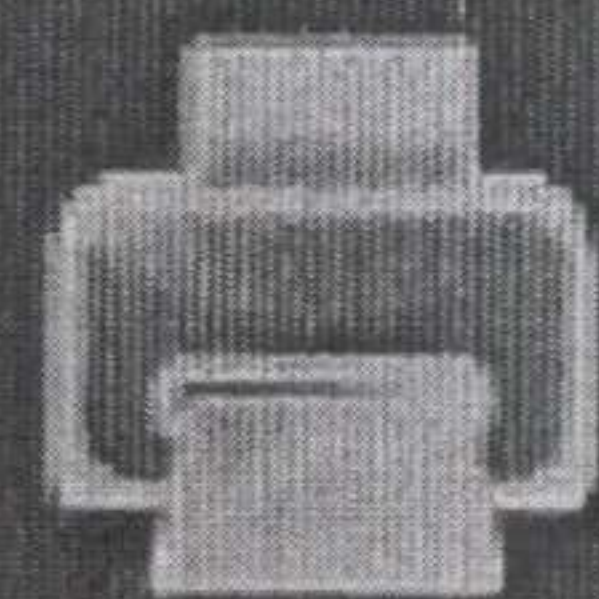
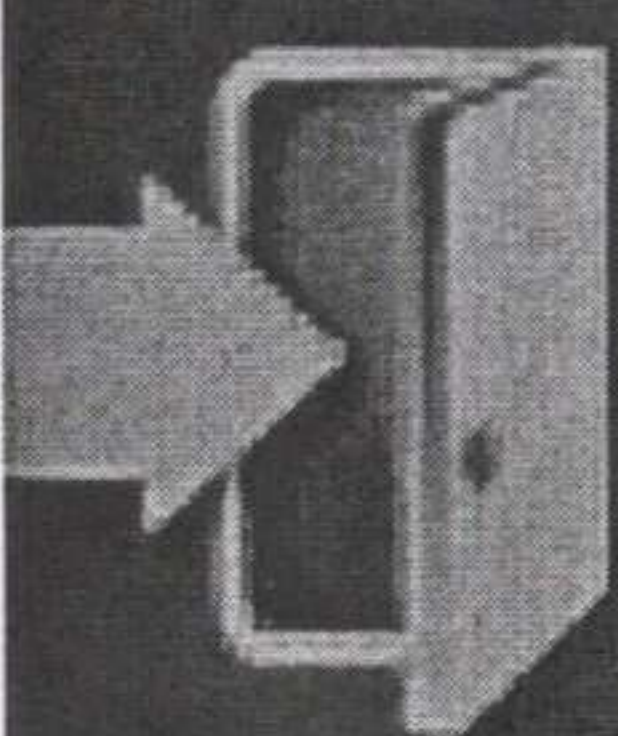
Next Sample

Sample ID

AUTOSID001

Type

Man



Sample ID: MX445H

Name: MX445

Expiry date: 05/04/2024

Date: 02/04/2024

Time: 09:51 AM

status

Alarms:

WBC  $10^3/mm^3$  20.5

LYM% % 15.8

MON% % 6.9

GRA% % 77.3

LYM#  $10^3/mm^3$  3.20

MON#  $10^3/mm^3$  1.40

GRA#  $10^3/mm^3$  15.90

RBC  $10^6/mm^3$  5.60

HGB g/dL 18.2

HCT % 49.0

MCV  $\mu m^3$  88

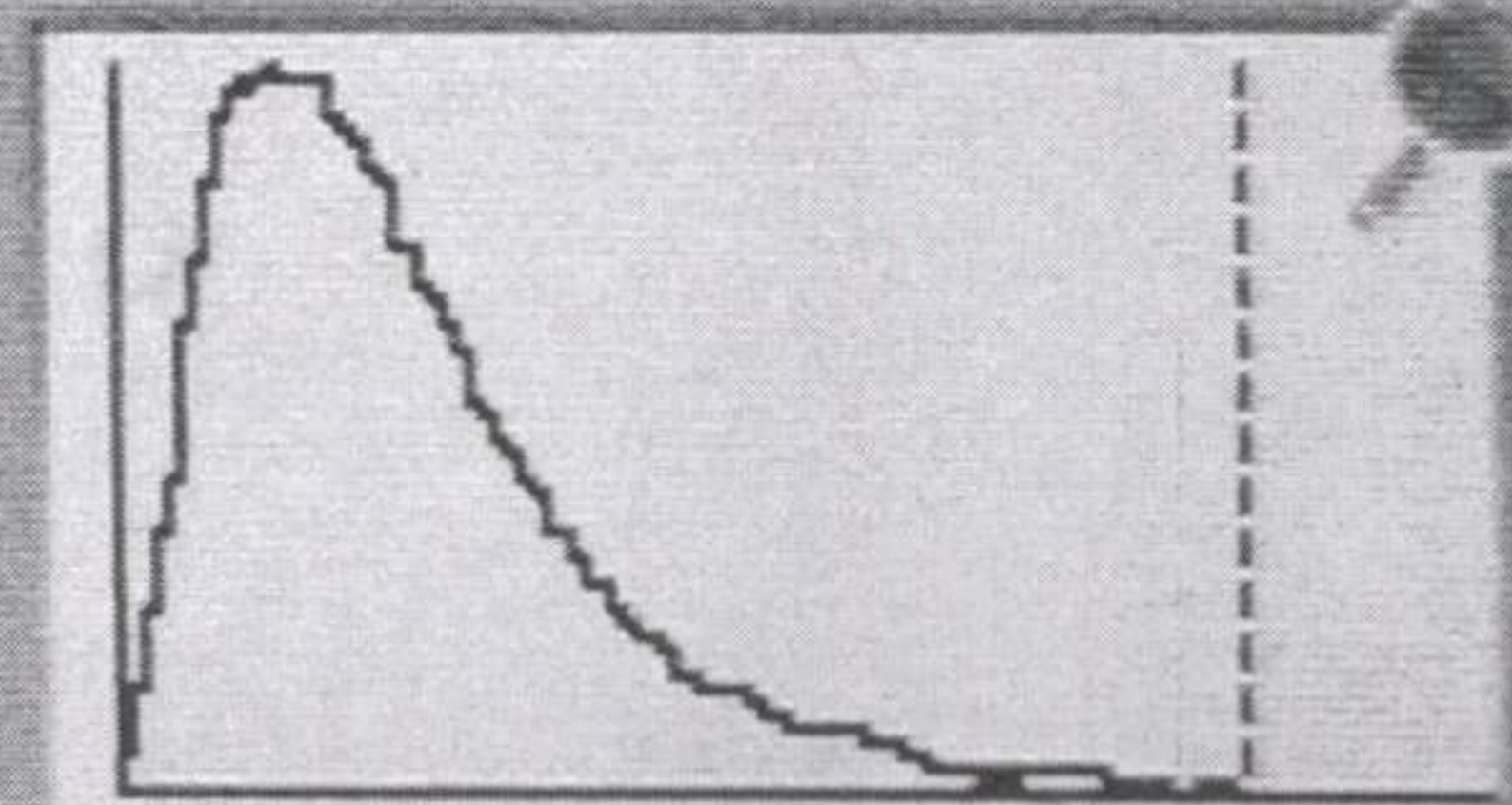
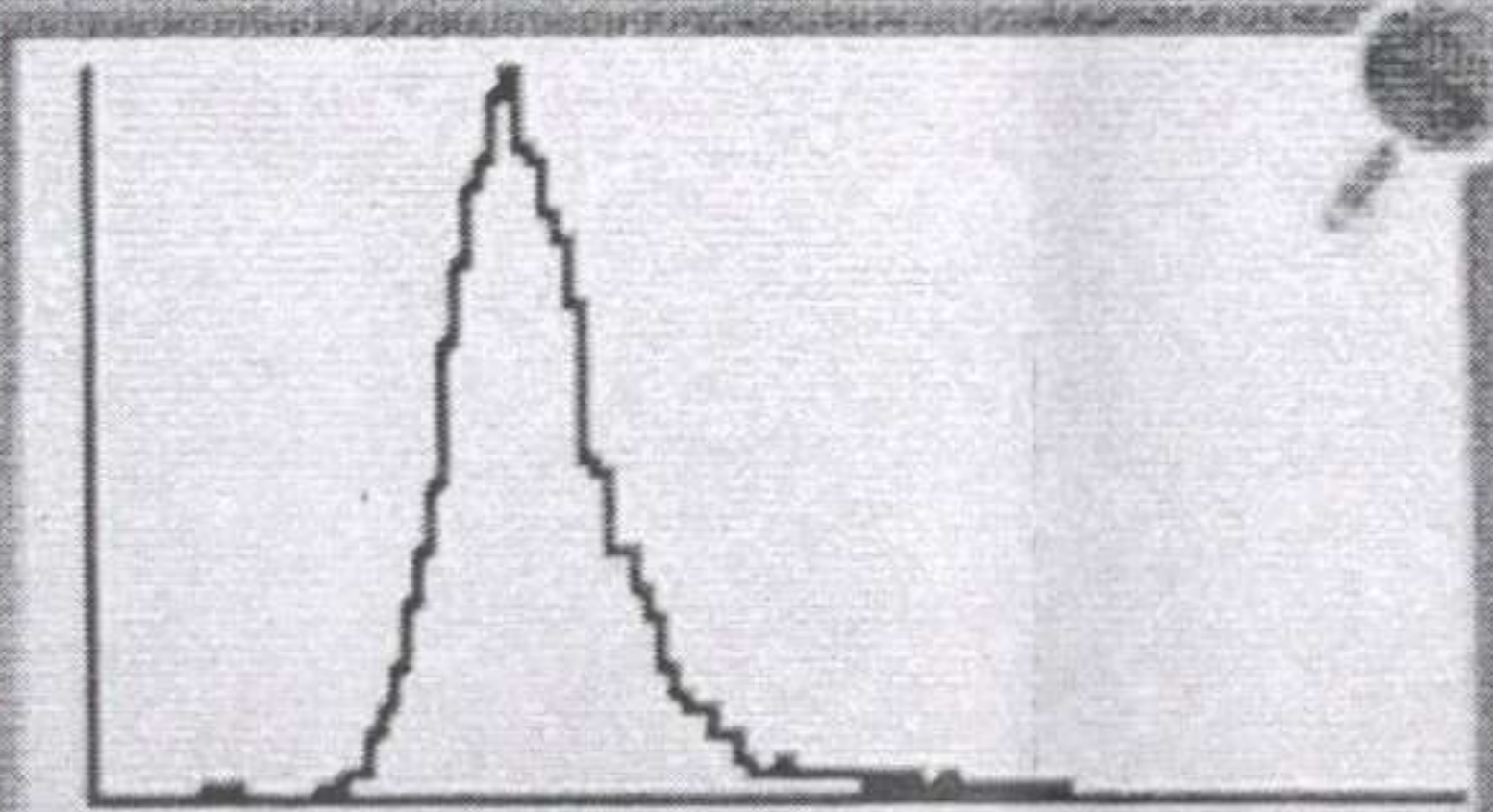
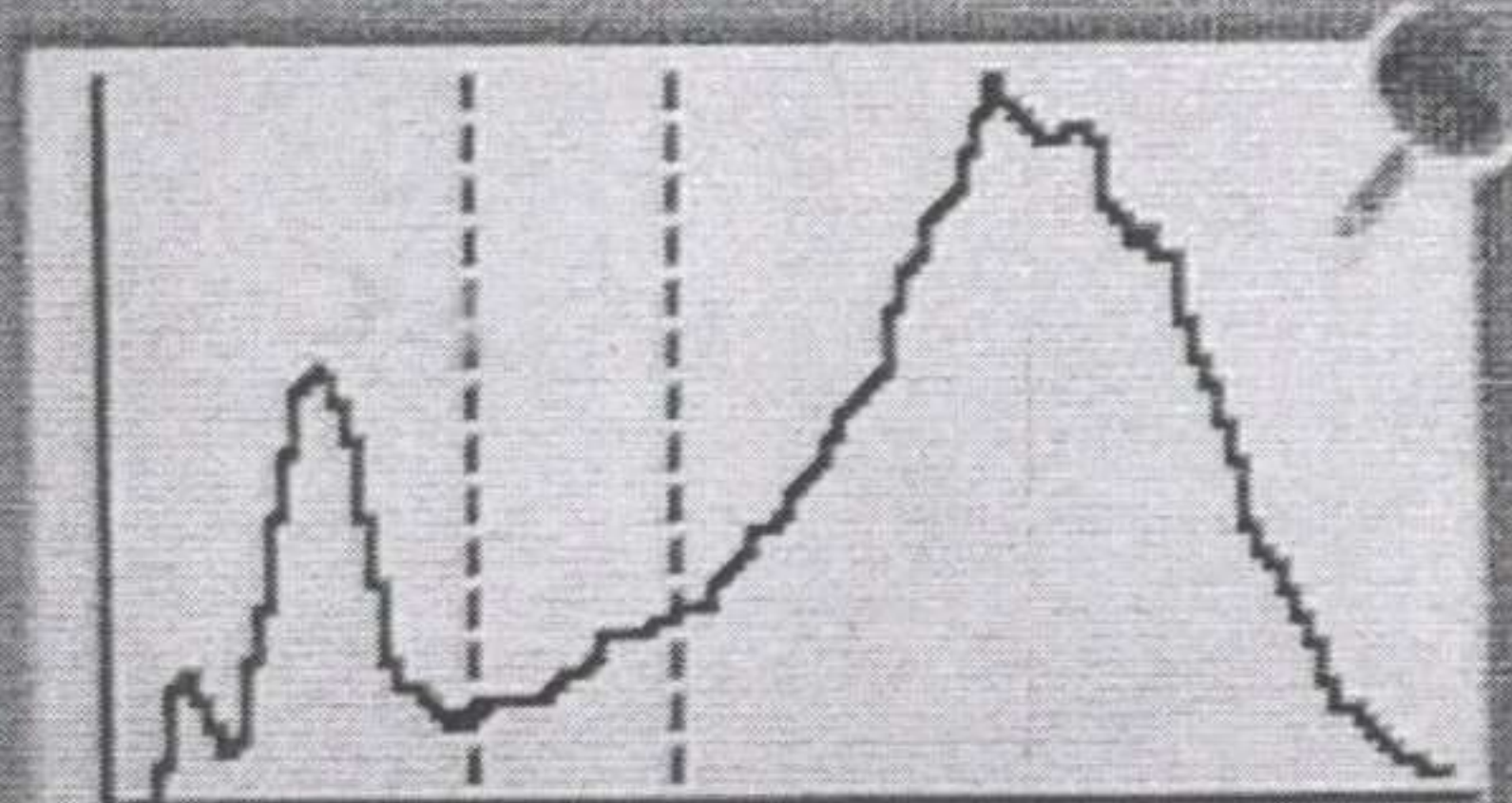
MCH pg 32.5

MCHC g/dL 37.1

RDW-CV % 13.6

PLT  $10^3/mm^3$  546

MPV  $\mu m^3$  8.5



*Wabindex 8mm*

Next Sample

Sample ID

AUTOSID001

Type

Man

