UK NEQAS
Leucocyte Immunophenotyping

Low Level Leucocytes Programme

Sheffield Teaching Hospitals **NHS**
NHS Foundation Trust

Sample - RBC511

Distribution -

Participant ID - XXXXX

Date Issued -

Closing Date -

Machine Used - Facs Canto II

Trial Comments

This trial was issued to 83 particpants worldwide for enumeration of residual leucocytes

Sample Comments

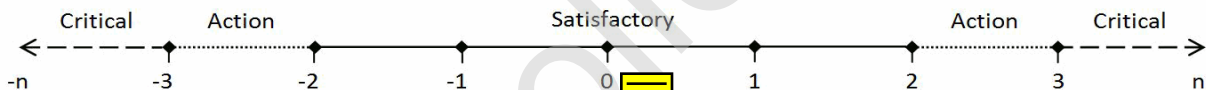This sample was maufactured by UK NEQAS using stabilised blood

Results and Performance

Cell Population	Your Results (cells/µL)	Robust Mean (cells/µL)	Robust SD (cells/µL)
Machine 1	4.40	3.80	0.67

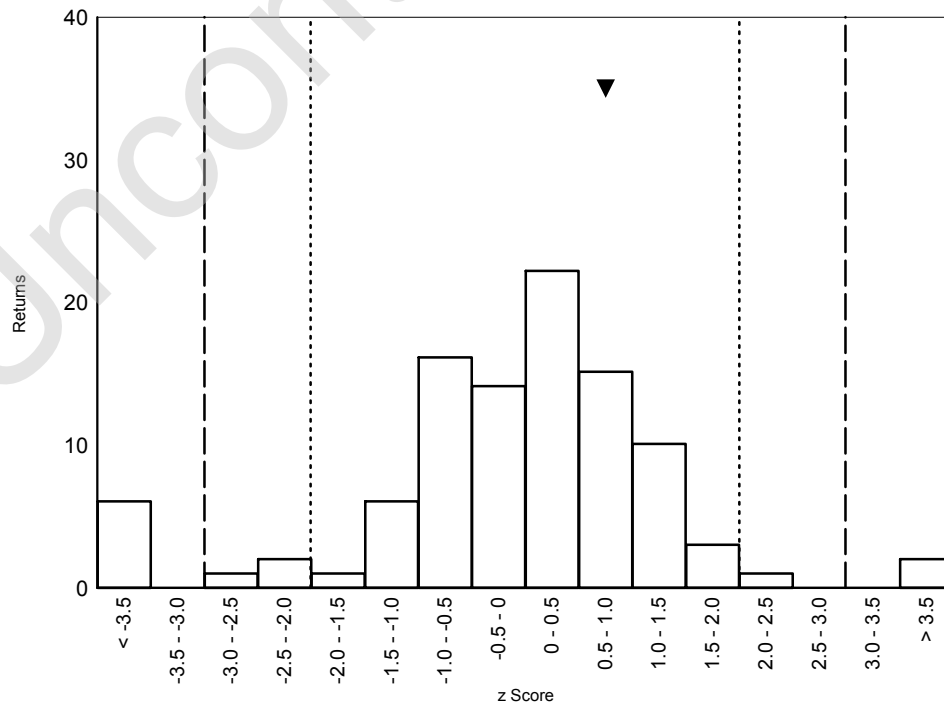| Cell Population	z Score*	Performance Status for this Sample	Performance Status Classification Over 12 Sample Period		
			Satisfactory	Action	Critical
Machine 1	0.90	Satisfactory	12	0	0

*z Score Limits Definitions

Please note the scale below is applicable to the tables above and to the z score histograms and Shewhart control charts that follow. It is <u>not</u> applicable to the Cusum control charts.

```
   Critical      Action              Satisfactory          Action      Critical
←- - - - - ◆- - - - - ◆- - - - - ◆- - - - - ◆- - - - - ◆- - - - - ◆- - - - - ◆- - - - - →
  -n        -3        -2        -1         0         1         2         3         n
```

Histograms of Participant z Scores

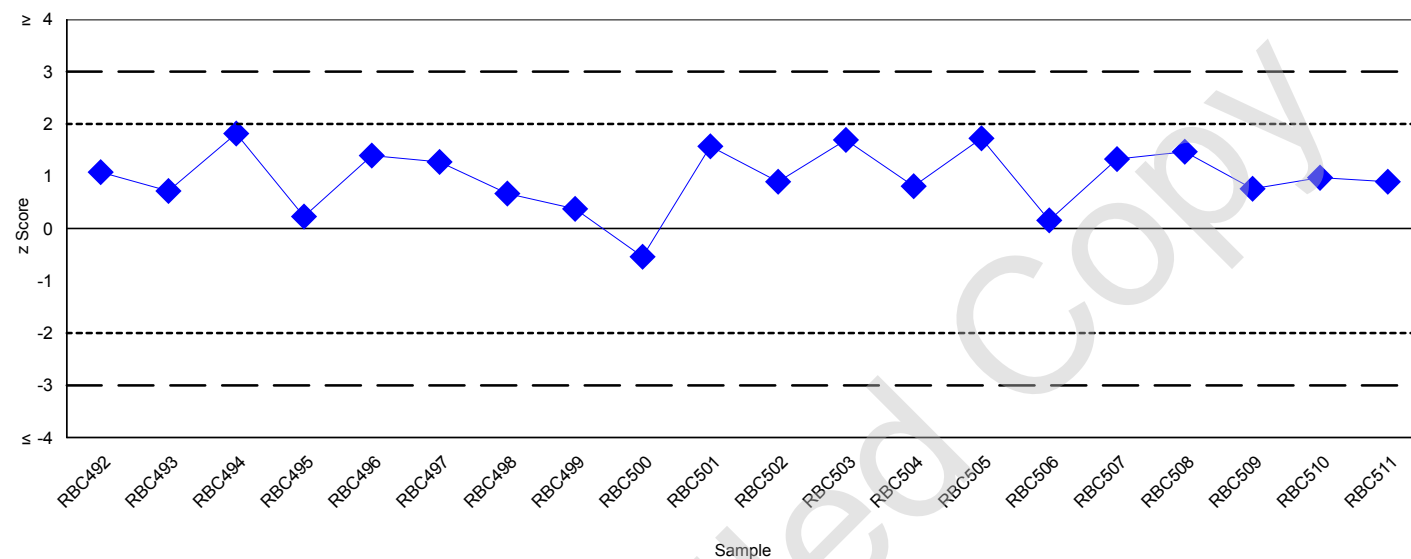Absolute Values (cells/µL) - Machine 1
Please note ▼ denotes your result

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Sample - RBC511

Shewhart Control Charts

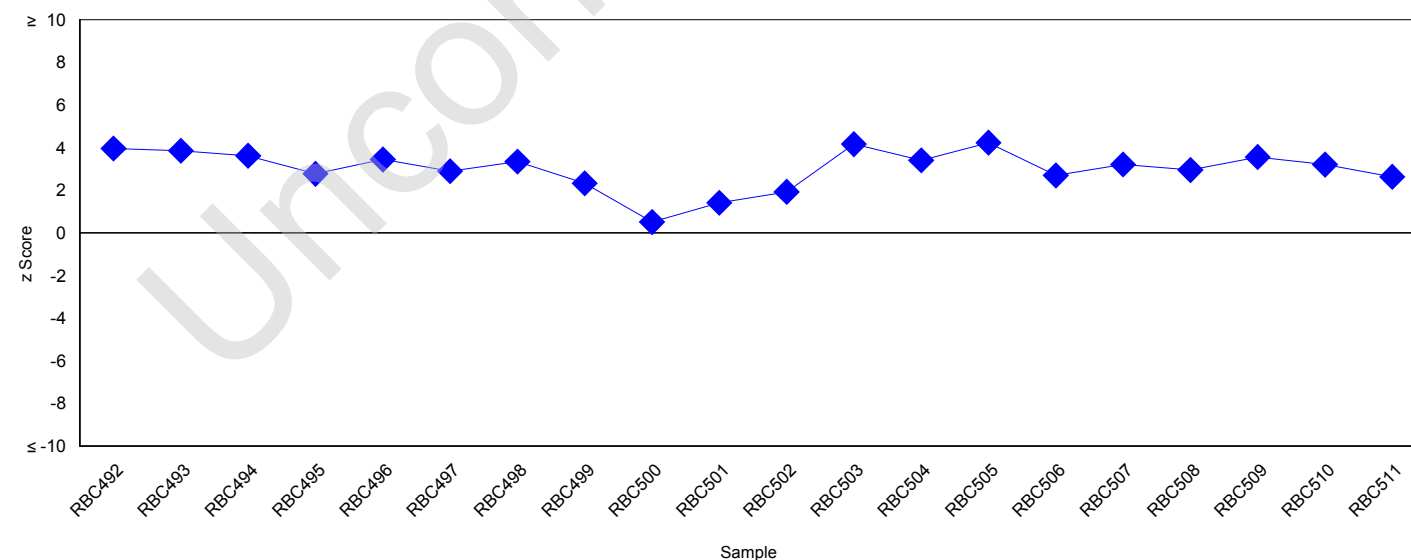(Please note each data point represents a single sample)

Absolute Values (cells/µL) - Machine 1

Cusum Control Charts

(Please note each data point represents the sum of the z scores of the current sample and the two previous samples)

Absolute Values (cells/µL) - Machine 1

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Staining Method Specific Statistics

(Please note only groups of >20 returns are displayed)

Method	Absolute Count Values (cells/µL)		
	Returns	Robust Mean	Robust SD
BD Leucocount	74	3.83	0.61

Flow Cytometer Specific Statistics

(Please note only groups of >20 returns are displayed)

Method	Absolute Count Values (cells/µL)		
	Returns	Robust Mean	Robust SD
Facs Canto II	21	3.95	0.56
Facscalibur	40	3.65	0.62

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Sample - PLT511

Distribution -

Participant ID - XXXXX

Date Issued -   Closing Date -   Machine Used - Facs Canto II

Trial Comments
This trial was issued to 83 particpants worldwide for enumeration of residual leucocytes
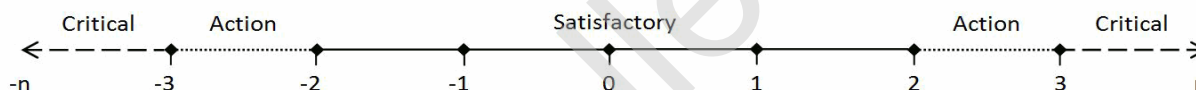
Sample Comments
This sample was maufactured by UK NEQAS using stabilised platelets

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Results and Performance

Cell Population	Your Results (cells/µL)	Robust Mean (cells/µL)	Robust SD (cells/µL)
Machine 1	28.10	27.65	3.82

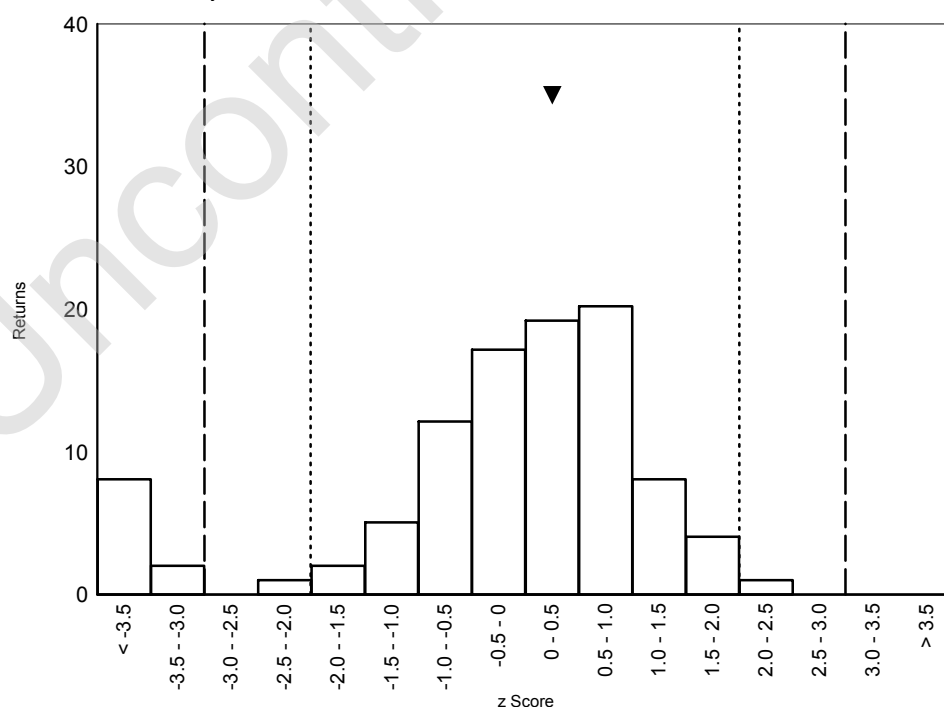| Cell Population	z Score*	Performance Status for this Sample	Performance Status Classification Over 12 Sample Period		
			Satisfactory	Action	Critical
Machine 1	0.12	Satisfactory	12	0	0

*z Score Limits Definitions

Please note the scale below is applicable to the tables above and to the z score histograms and Shewhart control charts that follow. It is <u>not</u> applicable to the Cusum control charts.

Critical	Action			Satisfactory			Action	Critical
←---	●	●	●	●	●	●	●	---→
-n	-3	-2	-1	0	1	2	3	n

Histograms of Participant z Scores

Absolute Values (cells/µL) - Machine 1
Please note ▼ denotes your result

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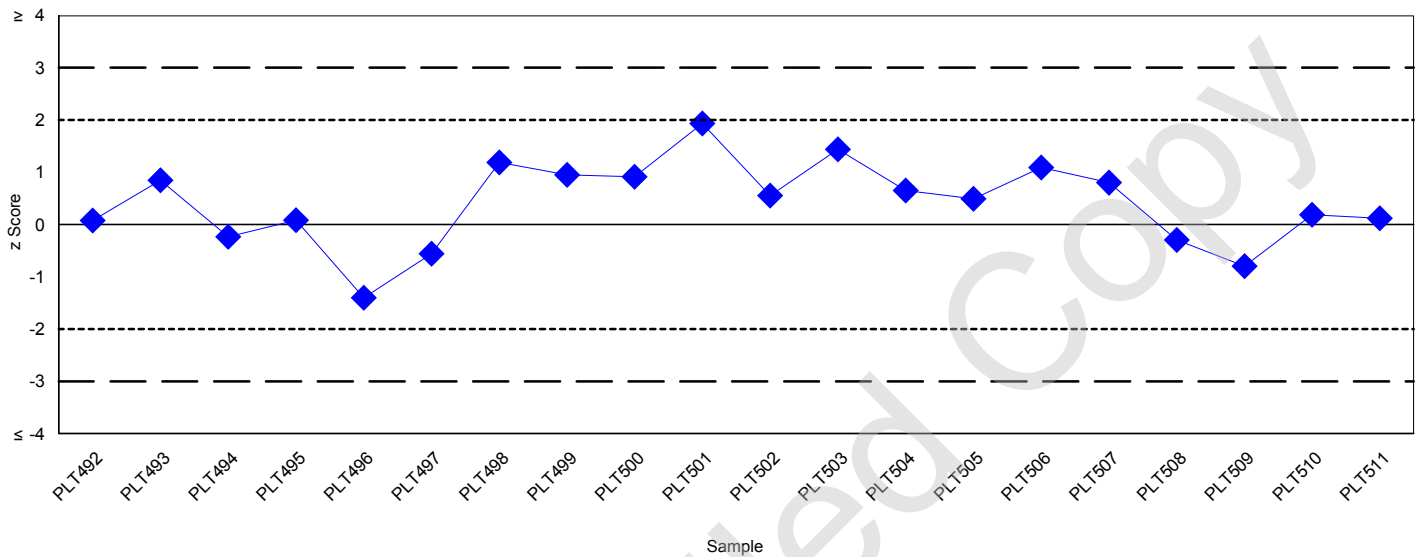Sheffield Teaching Hospitals **NHS**
NHS Foundation Trust

Low Level Leucocytes Programme

Sample - PLT511

Shewhart Control Charts
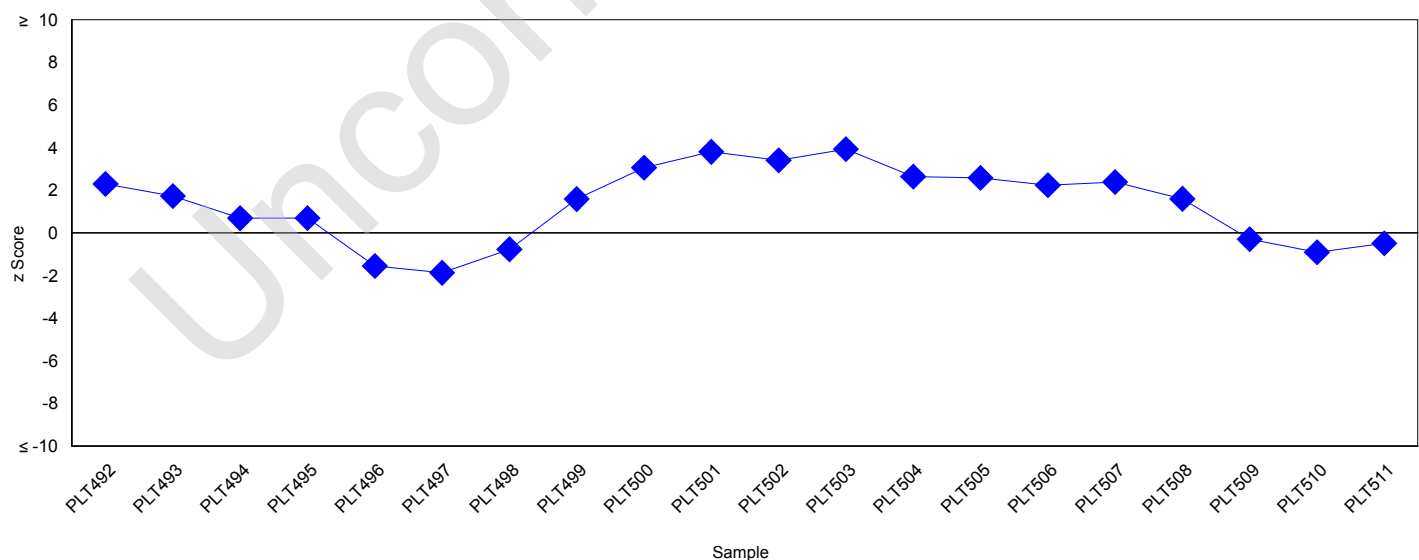(Please note each data point represents a single sample)

Absolute Values (cells/µL) - Machine 1

Cusum Control Charts
(Please note each data point represents the sum of the z scores of the current sample and the two previous samples)

Absolute Values (cells/µL) - Machine 1

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Staining Method Specific Statistics
(Please note only groups of >20 returns are displayed)

Method	Absolute Count Values (cells/μL)		
	Returns	Robust Mean	Robust SD
BD Leucocount	73	28.23	3.59

Flow Cytometer Specific Statistics
(Please note only groups of >20 returns are displayed)

Method	Absolute Count Values (cells/μL)		
	Returns	Robust Mean	Robust SD
Facs Canto II	21	28.86	3.05
Facscalibur	40	27.93	3.68