

CD34 Stem Cell Programme

Sample - 196

Distribution -

Date Issued -

Closing Date -

Participant ID - 4XXXX

Machine Used - Facscalibur

Trial Comments

The trial was issued to 306 participants for enumeration of CD34+ stem cells

Sample Comments

The sample was manufactured by UK NEQAS using a sample of blood from a patient undergoing a Peripheral Blood Stem Cell Harvest

Absolute Values Results and Performance

Please note: Performance monitoring for this programme is on absolute values only. Percentage results are shown for information purposes only.

Cell Population	Your Results (cells/ μ L)	Robust Mean (cells/ μ L)	Robust SD (cells/ μ L)
CD34 Absolute Values	104.47	105.78	10.65

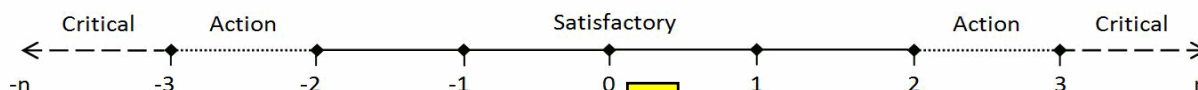
Cell Population	z Score*	Performance Status for this Sample	Performance Status Classification Over 12 Sample Period		
			Satisfactory	Action	Critical
CD34 Absolute Values	-0.12	Satisfactory	9	1	2

Percentage Values Results and Performance

Cell Population	Your Results %	Robust Mean %	Robust SD %
CD34 Percentage Values	0.43	0.44	0.04

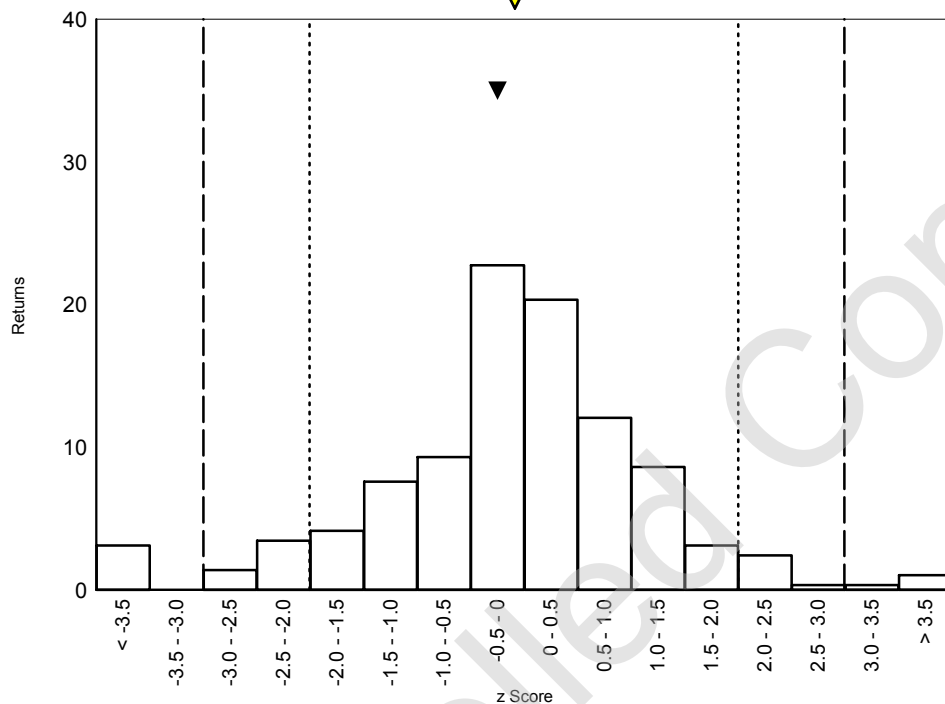
Cell Population	z Score*	Performance Status for this Sample	Performance Status Classification Over 12 Sample Period		
			Satisfactory	Action	Critical
CD34 Percentage Values	-0.25	Satisfactory	12	0	0

*z Score Limits Definitions

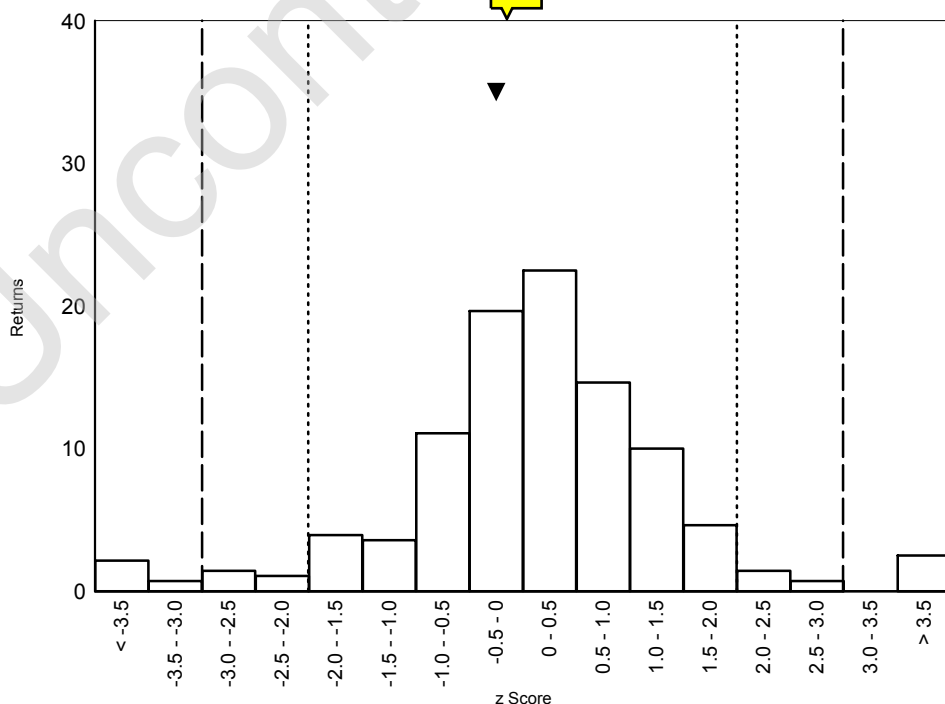
Please note the scale below is applicable to the tables above and to the z score histograms and Shewhart control charts that follow. It is not applicable to the Cusum control charts.

Histograms of Participant z Scores

Absolute Values (cells/ μ L)
Please note ▼ denotes your result



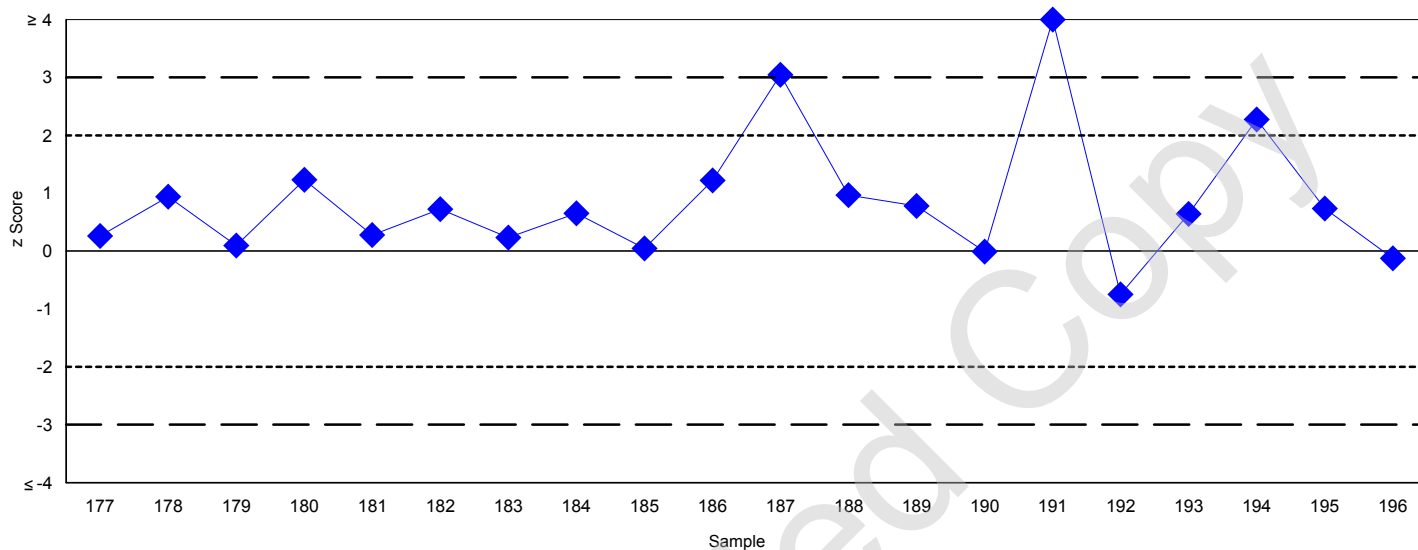
Percentage Values (%)
Please note ▼ denotes your result



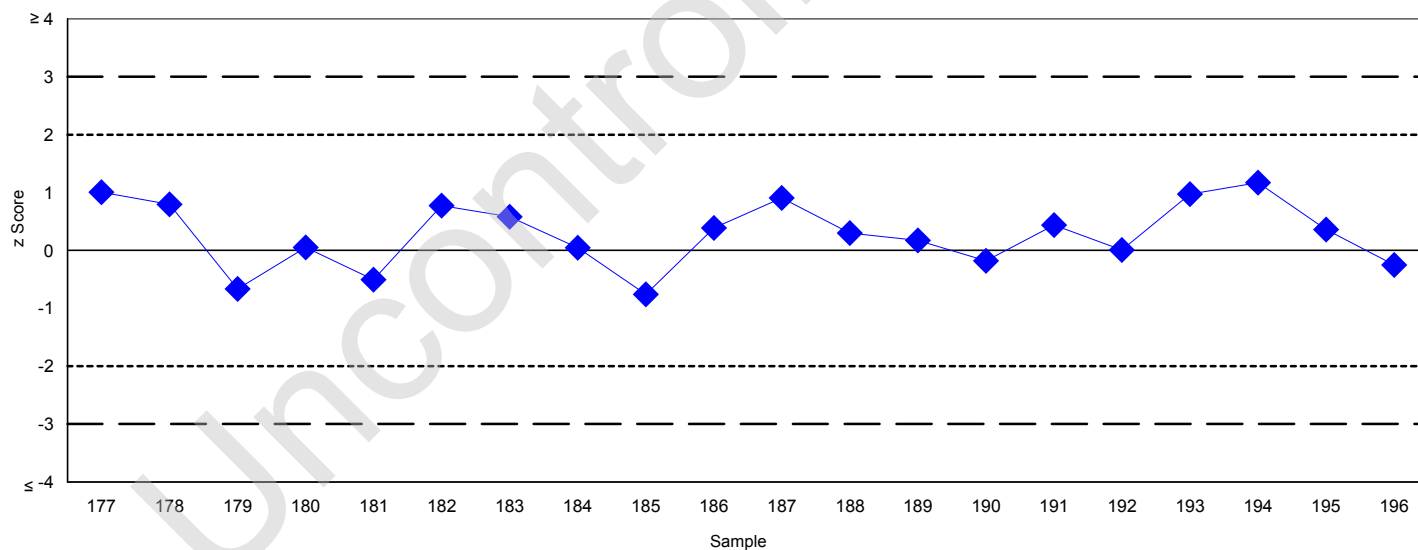
Shewhart Control Charts

(Please note each data point represents a single sample)

Absolute Values (cells/ μ L)



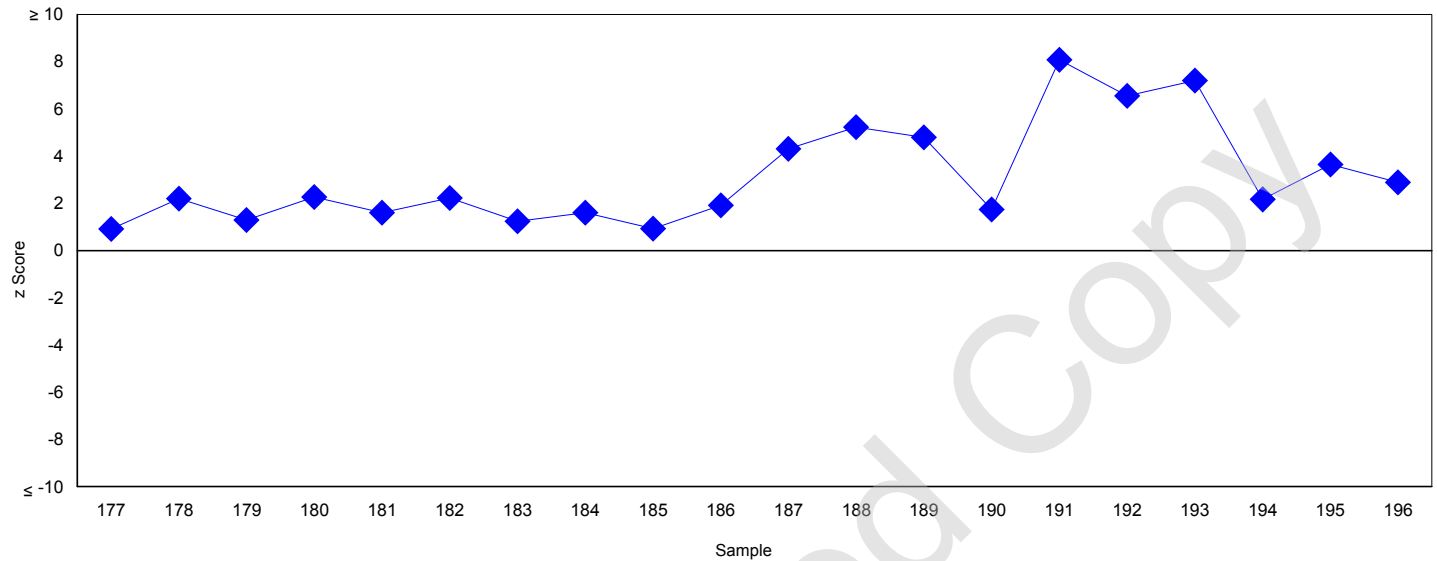
Percentage Values (%)



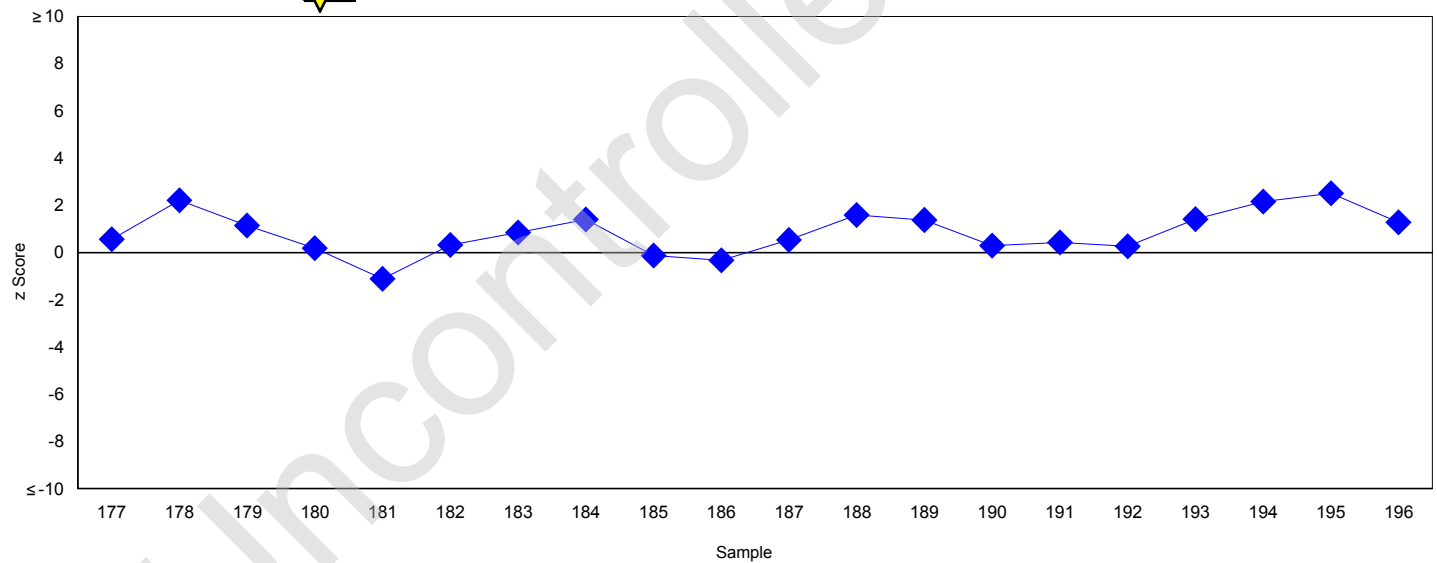
Cusum Control Charts

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

Absolute Values (cells/ μ L)



Percentage Values (%)



Platform Specific Statistics

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

Method	Absolute Count Values (cells/ μ L)			Percentage Values		
	Returns	Robust Mean	Robust SD	Returns	Robust Mean	Robust SD
FLOW COUNT	79	108.00	10.69	78	0.44	0.03
HAEMATOLOGY ANALYSER WBC	31	102.85	8.66	32	0.44	0.03
TRUCOUNT	139	105.04	10.71	131	0.44	0.04

Lysing Method Specific Statistics

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

Method	Absolute Count Values (cells/ μ L)			Percentage Values		
	Returns	Robust Mean	Robust SD	Returns	Robust Mean	Robust SD
Ammonium Chloride (NH ₄ CL)	120	105.60	10.86	119	0.44	0.03
Facslyse	24	102.29	12.32	24	0.44	0.04
Pharmlyse	50	103.82	9.63	47	0.43	0.04
Stem Kit Lyse	50	107.96	9.34	48	0.44	0.04

Antibody Fluorochrome Specific Statistics

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

Method	Absolute Count Values (cells/ μ L)			Percentage Values		
	Returns	Robust Mean	Robust SD	Returns	Robust Mean	Robust SD
PE	280	105.33	10.29	273	0.44	0.03

Flow Cytometer Specific Statistics

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

Method	Absolute Count Values (cells/ μ L)			Percentage Values		
	Returns	Robust Mean	Robust SD	Returns	Robust Mean	Robust SD
Facscalibur	56	103.03	11.21	53	0.43	0.05
Facscanto	30	105.69	9.14	27	0.45	0.04
Facscanto II	92	106.37	8.72	90	0.45	0.03
FC 500.	55	106.09	11.31	55	0.44	0.04
Navios	34	106.17	10.70	34	0.44	0.03

Gating Strategy Specific Statistics

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

Method	Absolute Count Values (cells/ μ L)			Percentage Values		
	Returns	Robust Mean	Robust SD	Returns	Robust Mean	Robust SD
BD STEM CELL ENUMERATION KIT	41	106.06	7.01	41	0.45	0.03
ISHAGE	199	104.73	11.27	192	0.44	0.03
STEM KIT	35	107.52	8.56	35	0.44	0.03