



General

- n Colour printer
- n specimen handling with every sample
- n info on small n, significance of z flags
- n indication of flags current/historic
- n Specific comments
 - n Will investigate and reply directly



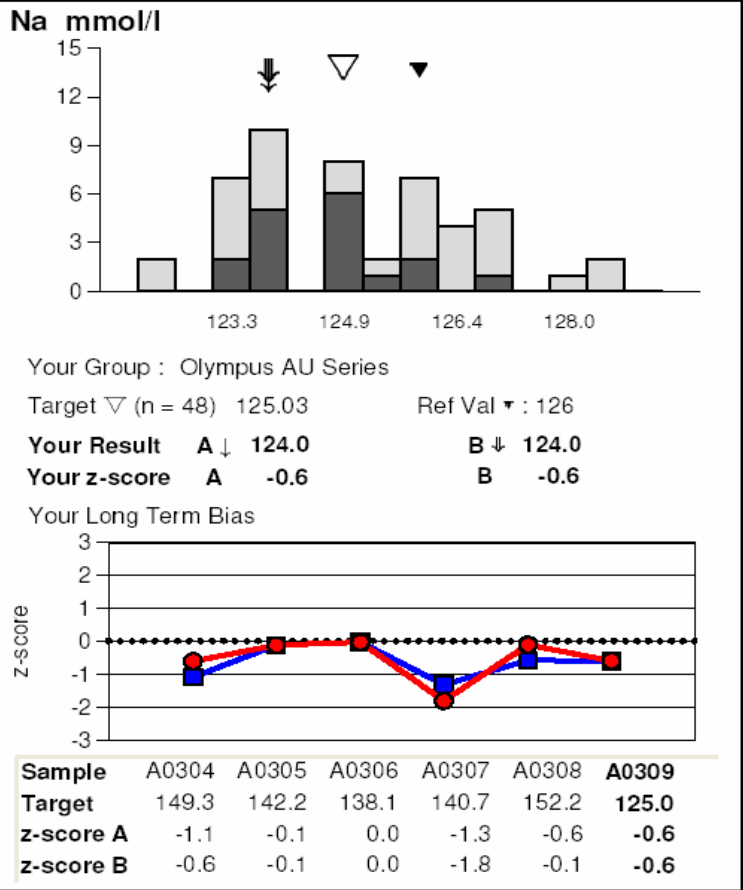
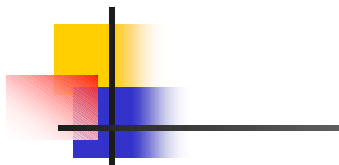
Morphology

- n expand comments
- n more detailed referee comments
 - n patient clinical details
 - n film comment
- n show 'full blood report' with film



HbA1c

- n Show results for other analysers (X2)



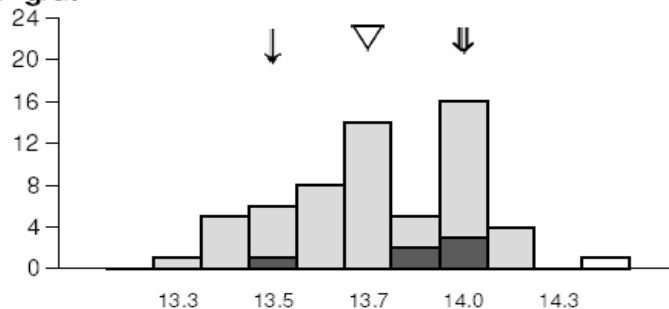


Clinical Chemistry

CC A0309 Na	Worked example for calculation of z-score	
(126.0)	Ref value	Result of reference method procedure ("true" value)
125.03 mmol/l	Target	≡ all-method mean (see above)
124.0 mmol/l	Your lab result	
(1.32%)	CV	calculated for current sample, shown for information only
1.36%	CV*	calculated from the mean CV over last 10 samples; used to calculate your z-score
$1.36 \times 125.03 \div 100 = 1.70 \text{ mmol/l}$	SD*	$SD^* = (CV^* \times \text{target}) \div 100$
$124.0 - 125.03 \div 1.70 = -0.6$	z-score	$(\text{Result} - \text{target}) \div SD^*$



Hb g/dl



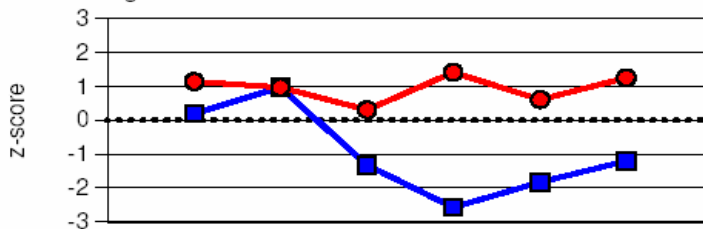
Your Group : Coulter JT3, MaxM, MD8, T660, T890, MicroDiffII

Target ▽ (n = 60) 13.75

Your Result A ↓ 13.5 B ↓ 14.0

Your z-score A -1.2 B 1.3

Your Long Term Bias



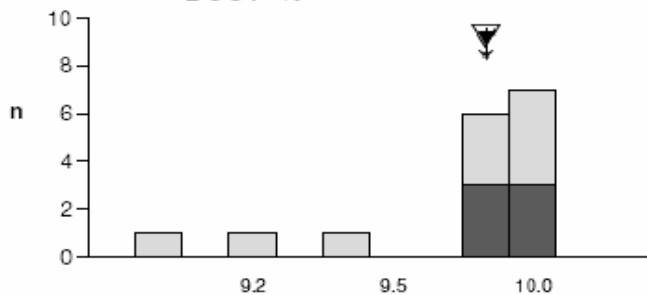
Sample	025-2	026-1	026-2	027-1	027-2	028-1
Target	13.7	13.6	7.8	13.4	13.8	13.7
z-score A	0.2	1.0	-1.3	-2.6	-1.8	-1.2
z-score B	1.1	1.0	0.3	1.4	0.6	1.3



FBC

Worked example for calculation of z-score		FBC 028-1 Hb
Ref value	Result of reference method procedure ("true" value)	---
Target	≡ all-method mean (see above)	13.75 g/dl
Your lab result		14.0
CV	calculated for current sample, shown for information only	(1.8%)
CV*	calculated from the mean CV over last 10 samples; used to calculate your z-score	1.48%
SD*	$SD^* = (CV^* \times \text{target}) \div 100$	$1.48 \times 13.75 \div 100$ $= 0.20 \text{ g/l}$
z-score	$(\text{Result} - \text{target}) \div SD^*$	$14.0 - 13.75 \div 0.20$ $= +1.3$

DCCT %



Your Group : Menarini 8140

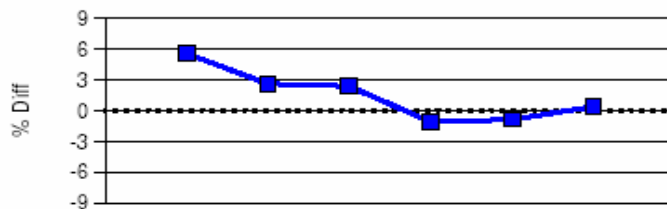
Mean ▽ (n=16) 9.81 CV : 1.9%

Ref Result ▼ 9.76

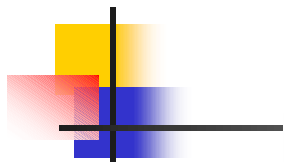
Your Result ↓ 9.8

Your % diff from Ref 0.4%

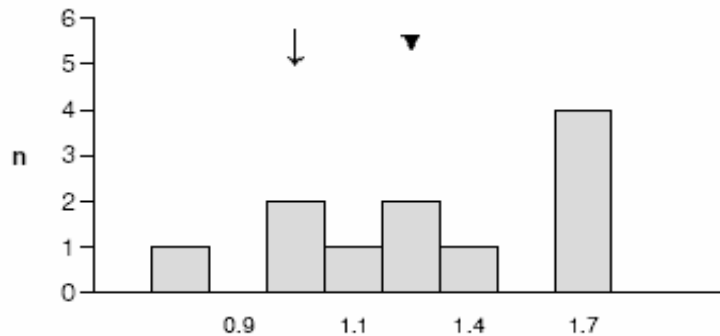
Your Long Term Bias



Sample	023B	024A	024B	031A	031B	032A
Ref	8.1	8.4	7.5	5.7	8.3	9.8
%diff	5.6	2.6	2.4	-1.1	-0.8	0.4



Donor Progress (change in HbA1c % units)



Sample	021B	032A	change
Date	Mar 02	Jun 03	
Your result ↓	8.8	9.8	1.0
Ref result ▼	8.60	9.76	1.2



HbA1c

023 A	Worked example for calculation (DCCT-aligned)	
9.76	Ref value	Reference lab, Netherlands (DCCT value)
(9.81)	Mean	for information only (not used in calculation)
9.80	Your lab result	
(1.9%)	CV	calculated for current sample, shown for information only
$((9.80 - 9.76) \div 9.76) \times 100 = +0.4\%$	% difference	$((\text{Result} - \text{Ref}) \div \text{Ref}) \times 100$



Ideas

- n email notification
- n email reports
 - n colour
 - n some pdf reading problems
- n web submission
 - n some firewall problems