QUALITY CONTROL RESULTS EVALUATION

REPLACE WITH NAME OF LABORATORY

This Smart Lab Tool allows for comparison of Test Data to an Established QC Range. The difference, and Standard Deviation Index (SDI) are calculated. Any SDI>Alert(*) deserves special attention as in the future this bias may lead to QC failure. SDI>2.0 requires greater concern and is flagged as "Out".

1.5

< Replace with Test System Description >

Specimen Source	Analyte Name	Low -2SD	High +2SD	Calc Mean	Calc 1SD	Test Value	Calc Bias	Calc SDI	QC In?	QC Out?
L-1	GLUCOSE	45.00	55.00	50.00	2.50	46.00	-4.00	-1.60*	QC In	
L-2	GLUCOSE	100.00	110.00	105.00	2.50	103.00	-2.00	-0.80	QC In	
L-3	GLUCOSE	250.00	270.00	260.00	5.00	260.00	0.00	0.00	QC In	

***** INTERACTIVE EVALUATION TEMPLATE *****

Calculations are limited to the first 3 lines
Please refer to website resources for intended use

Control System

QC item(s):
Problem: ...
Actions: ...

**** Trend Alert Warrants Attention***

SLT_105a v.102616
© SmartLabTools™
2008-2016
Daniel W. Leighton, CLB

10/28/2016
6:14 pm

Reset All | Reset Data

Click for Link To QC Reference

Analyst | Reviewed by