TO START - SCROLL DOWN TO SECOND PAGE FOR SET-UP INSTRUCTIONS

Smart LabTools
Complex Forms made Simple

REPLACE WITH NAME OF LAB ON PAGE-2
DAILY Q.C. STATISTICAL ASSESSMENT

TEST SYSTEM:				Bias # CTLs
CONTROLS:				3
LOT NUMBERS:				Trend Flag =
EXPIRATION:				1.0

Analyte Description	L-1 Mean	Test Value	Bias	SDI (Z)	QC In?	L-2 Mean	Test Value	Bias	SDI (Z)	QC In?	L-3 Mean	Test Value	Bias	SDI (Z)	QC In?	Ave SDI (Z)	Trend Alert

DEMONSTRATION TEMPLATE

The First 2 Lines are Interactive

*** Set Up Test Information on Page-2 ***

Comments / Actions:

19:55

Reset Data

Analyst

Reviewed by

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REPLACE WITH NAME OF LAB ON PAGE-2
ESTABLISHED QUALITY CONTROL PARAMETERS

QC Lesson | Reset All

TEST SYSTEM:			
CONTROLS:			
LOT NUMBERS:			
EXPIRATION:			

Analyte Description	L-1 -2SD	L-1 +2SD	L-1 Mean	L-1 1SD	L-2 -2SD	L-2 +2SD	L-2 Mean	L-2 1SD	L-3 -2SD	L-3 +2SD	L-3 Mean	L-3 1SD

Replace Lab Name Above and Enter Control Information

Enter Test Name, -2SD +2SD, The Mean & SD Self Calculate

Lab Name, Control Info., and Test Names & Means will appear on Page-1

Instructions on use of Multi-Level QC Assessment Template: be certain to use 'Save as' to re-name your template changes
1) Pg.2 edit headers and set up test system demographics - changes will appear on Pg.1
2) Pg.2 enter Analyte Descriptions, -2SD, +2SD QC limits - Mean & SD calculates on Pg.2, and Mean appears on Pg.1
3) Pg.1 upper right enter # Control Levels.. i.e. 1, 2, or 3
4) Pg.1 upper right enter z-score Trend Flag Limit, i.e. 1.0, 1.2, 1.5 to establish alert flagging sensitivity
5) Pg.1 enter QC results..click on entry box or use TAB key for vertical column data entry.
6) Observe: Bias (Mean-Result), z-score [(Mean-Result)/SD], AVE z-score [(sum of Z's)/#CTLs], QC "In", QC "Out"
7) Trend Alert Flags: Occur when any one Control level's z-score exceeds user-defined Trend Flag Limit
8) Observe and Document Actions in Comments section when Trend Alert message, or QC "Out" message appears

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