

## Specificity ID report b

**Data Files:** Specificity ID Study.jmp    **Date:** Thursday, December 18, 2025    **Time:** 16:41:51

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### Data Integrity

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Study descriptives	Note
Analyst	a
Analytical method	b
Instrument	c
Purpose	d
Standard Expiry	e
Standard ID	f
Study date(s)	g
Unit	h

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#### User Information

User Name: paule  
User Domain: PADC-SURFACE  
Logon Server: \PADC-SURFACE  
User Domain: PADC-SURFACE  
Addin version: 2512181633  
JMP Version: 19.0.1

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Analyst Signature/Date

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Reviewer Signature/Date

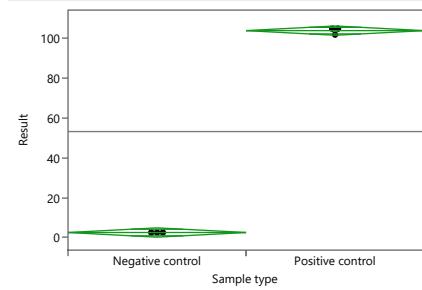
### Specificity ID Study - Data table

Sample type	Result	Jackknife Distances		Include/ Exclude
		By Sample type	Outlier	
Positive control	106	2.121	Ok	Included
Positive control	102	2.121	Ok	Included
Positive control	104	0.000	Ok	Included
Negative control	2	2.828	Ok	Included
Negative control	3	1.650	Ok	Included
Negative control	2.6	0.141	Ok	Included

K Sigma: 3

### Specificity ID Study - Analysis

#### Oneway Analysis of Result By Sample type



#### Oneway Anova

Summary of Fit	
Rsquare	0.999449
Adj Rsquare	0.999312
Root Mean Square Error	1.45831
Mean of Response	53.26667
Observations (or Sum Wgts)	6

#### Pooled t Test

Positive control-Negative control				
Assuming equal variances				
Difference	101.467	t Ratio	85.21564	
Std Err Dif	1.191	DF	4	
Upper CL Dif	104.773	Prob >  t	<.0001*	
Lower CL Dif	98.161	Prob > t	<.0001*	
Confidence	0.95	Prob < t	1.0000	
Cohen's d	69.58			

#### Analysis of Variance

Source	DF	Sum of Squares			F Ratio	Prob > F
		Mean Square	F Ratio	Prob > F		
Sample type	1	15443.227	15443.2	7261.705	<.0001*	
Error	4	8.507	2.1			
C. Total	5	15451.733				

Analytical method is specific to analyte of interest

Difference 101.5

UCL Difference 104.8

LCL Difference 98.2

Positive control is significantly different than Negative control

Report generated on 2025-12-18 16:41:51, Addin Version: 2512181633