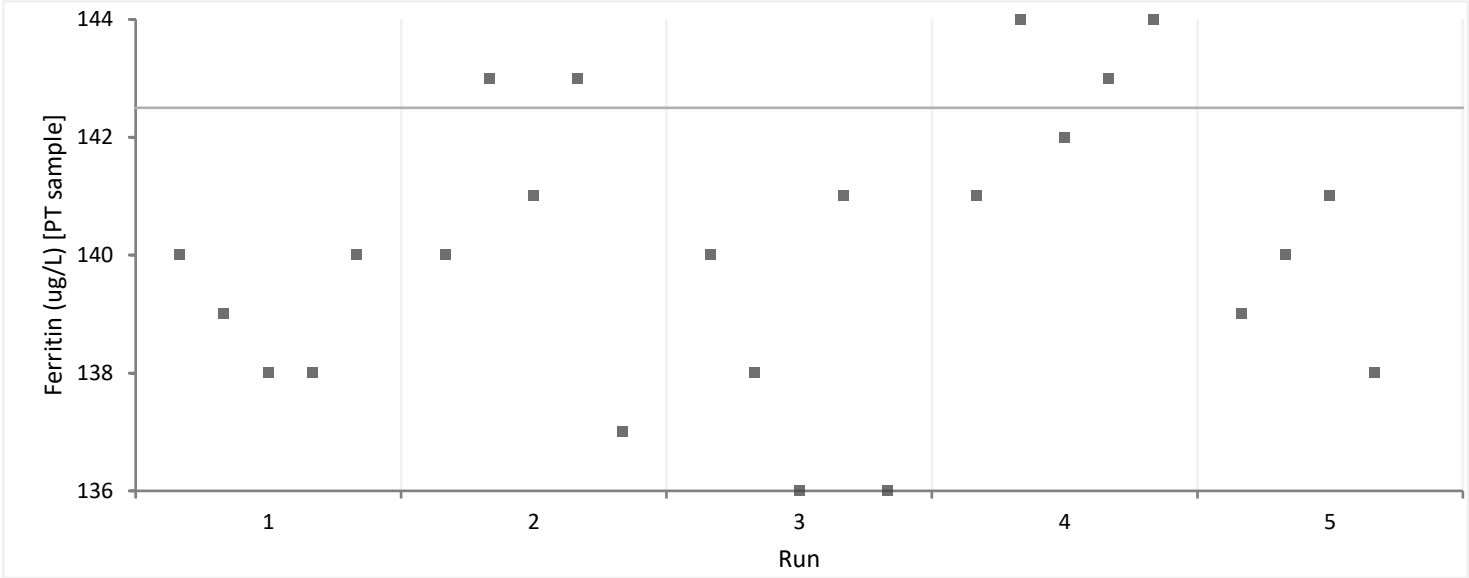


CLSI EP15-A3: Example 1Z

Filter: No filter

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Descriptives



N24

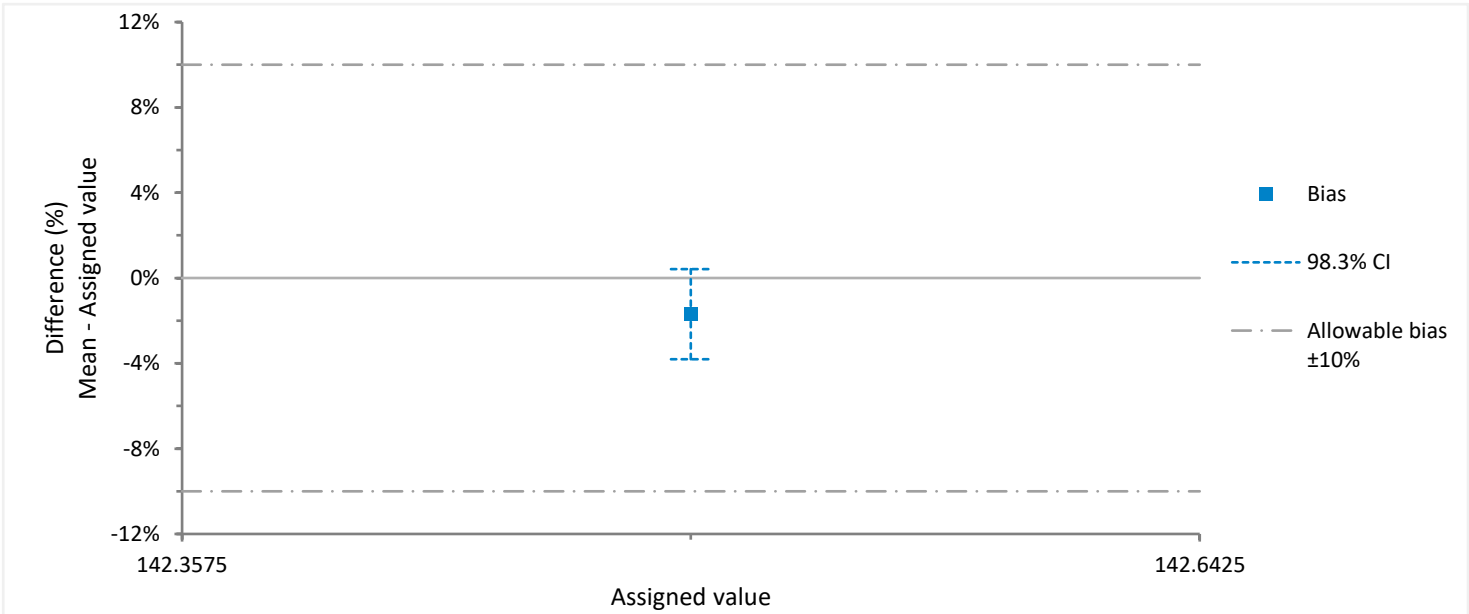
Design5 Run x 5 Observations

Unequal number of observations for all possible combinations of factor levels.

	Assigned value	Uncertainty SE	DF
PT sample	142.5	0.69	42

	N	Mean	Mean SE	Recovery
PT sample	24	140.1	0.82	98.3%

Trueness



CLSI EP15-A3: Example 1Z

Filter: No filter

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Assigned value	Mean	Bias	98.3% CI	Allowable bias	p-value
142.5	140.1	-1.7%	-3.8% to 0.4%	±10.0%	0.0456 ¹

H0: $\delta = 0$
The bias is equal to 0.
H1: $\delta \neq 0$
The bias is not equal to 0.
¹ Do not reject the null hypothesis at the 1.67% significance level.

Student's t-test

Assigned value	Difference	SE	t statistic	DF	p-value
142.5	-2.4	1.1	-2.25	11.1	0.0456