

Untitled study

Troponin I (ng/L) · Limit of quantitation × Criteria not met

2 of 2 questions judged · Limit of quantitation and Limit of quantitation not met

Study date **Not recorded**

Table 1. Acceptance criteria

Question	Limit	Allowed	Finding	Result
Limit of quantitation	≤ 1 ng/L		2 ng/L	× Not met
Limit of quantitation	≤ 0.9 ng/L		2 ng/L	× Not met

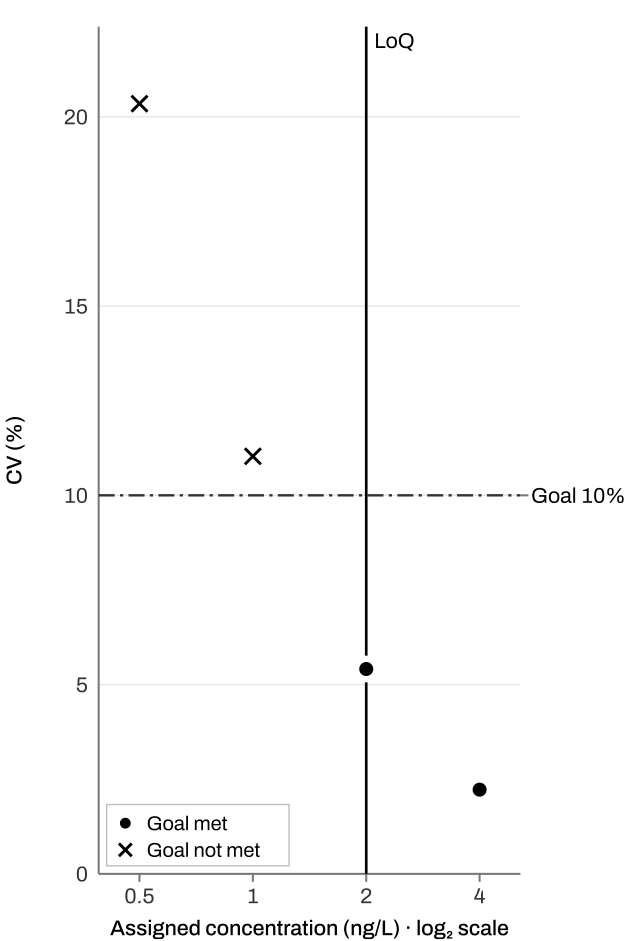


Figure 1. CV by assigned concentration, with the goal.

Table 2. Quantitation goal CV ≤ 10% by material

Material	Assigned (ng/L)	CV (%)	Goal
LOQ-A	0.5	20.35	× Not met
LOQ-B	1.0	11.03	× Not met
LOQ-C	2.0	5.41	✓ Met
LOQ-D	4.0	2.22	✓ Met

Study details

Data 20 included

Materials 4

Signed off by

Date

A Data listing

Source: manual entry. Role low. 20 rows, all included.

Study row	Material	Assigned (ng/L)	Result (ng/L)	Replicate
1	LOQ-A	0.5	0.38	1
2	LOQ-A	0.5	0.62	2
3	LOQ-A	0.5	0.44	3
4	LOQ-A	0.5	0.59	4
5	LOQ-A	0.5	0.47	5
6	LOQ-B	1	0.92	1
7	LOQ-B	1	1.08	2
8	LOQ-B	1	0.97	3
9	LOQ-B	1	1.11	4
10	LOQ-B	1	0.85	5
11	LOQ-C	2	1.95	1
12	LOQ-C	2	2.1	2
13	LOQ-C	2	2.02	3
14	LOQ-C	2	1.88	4
15	LOQ-C	2	2.15	5
16	LOQ-D	4	3.96	1
17	LOQ-D	4	4.08	2
18	LOQ-D	4	3.9	3
19	LOQ-D	4	4.12	4
20	LOQ-D	4	4.04	5

1 Results

1.1 Material detail

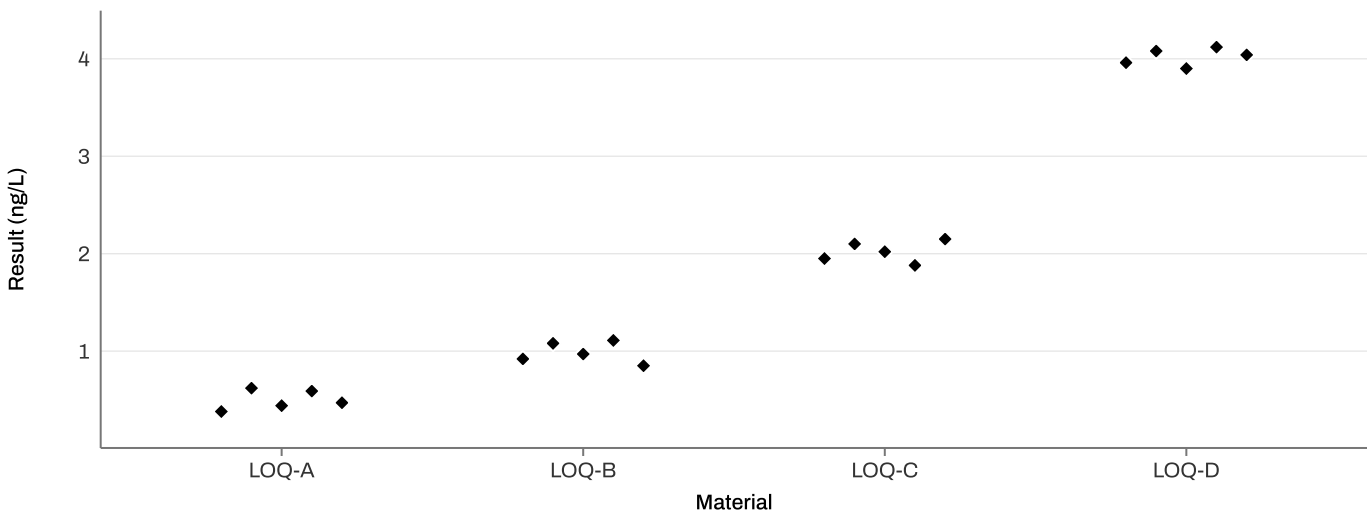


Figure 2. Low-level results by material.

Table 3. Low-level materials

Material	Assigned (ng/L)	N	Mean (ng/L)	SD (ng/L)	SD 95% CI (ng/L)	Bias (%)
LOQ-A	0.5	5	0.500	0.102	0.061–0.292	0.00
LOQ-B	1.0	5	0.986	0.109	0.065–0.313	–1.40
LOQ-C	2.0	5	2.020	0.109	0.065–0.314	+1.00
LOQ-D	4.0	5	4.020	0.0894	0.054–0.257	+0.50

Table 4. Calculation settings

Item	Value
Reagent lot on the rows	L1

2 Study notes

1. No LoD was entered, so the LoQ could not be checked against it.