

Untitled study

Sodium (mmol/L) · Reference interval establishment × Criteria not met

3 of 3 questions judged · Lower reference limit, Upper reference limit and Upper reference limit not met

Study date **Not recorded**

Table 1. Acceptance criteria

Question	Limit	Allowed	Finding	Result
Lower reference limit	≥ 135 mmol/L		134.91 mmol/L	× Not met
Upper reference limit	≤ 145 mmol/L		145.09 mmol/L	× Not met
Upper reference limit	≤ 144 mmol/L		145.09 mmol/L	× Not met

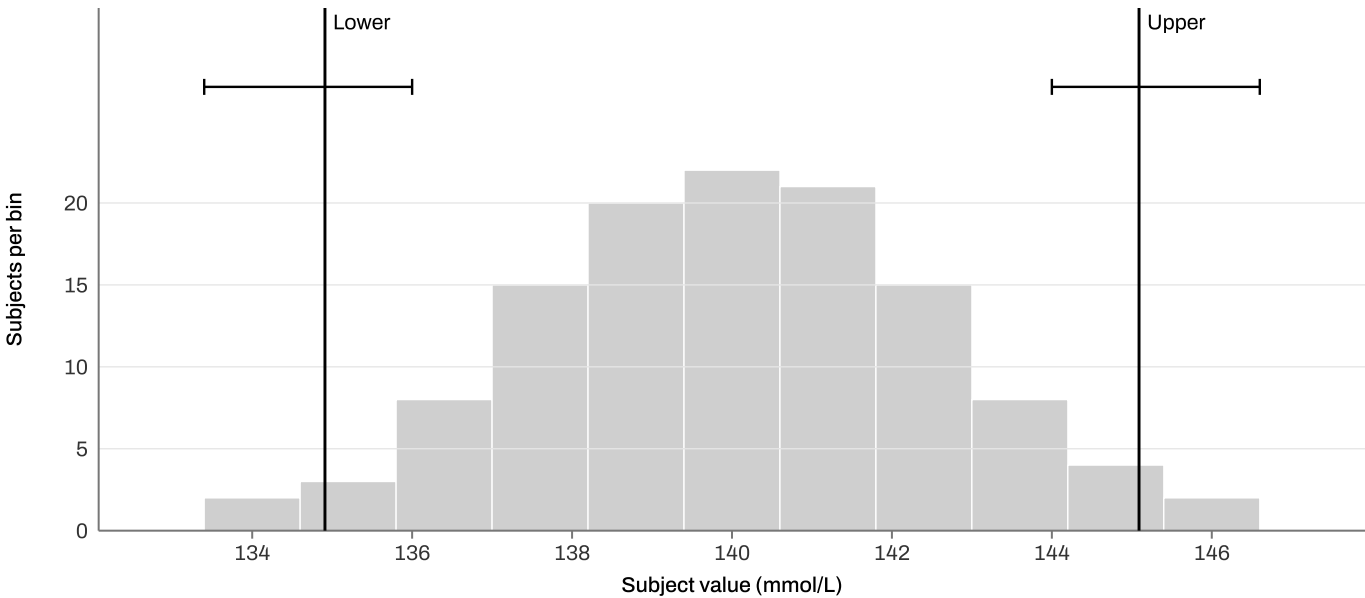


Figure 1. Subject values; lines: reference limits; brackets: their 90% CIs.

Table 2. Reference limits (mmol/L)

Partition	Subjects	Method	Lower limit	90% CI	Upper limit	90% CI	Result
adult	120	Nonparametric	134.91	133.40–136.00	145.09	144.00–146.60	× Not met

Study details

Data 120 included Coverage 95% · nonparametric

Signed off by _____ Date _____

A Data listing

Source: manual entry. Partition adult. 120 rows, all included.

Study row	Subject	Result (mmol/L)	Study row	Subject	Result (mmol/L)
1	N001	133.4	45	N069	140.4
2	N038	138.8	46	N106	142.9
3	N075	140.8	47	N023	137.8
4	N112	143.7	48	N060	140.0
5	N029	138.2	49	N097	142.1
6	N066	140.3	50	N014	137.0
7	N103	142.6	51	N051	139.5
8	N020	137.5	52	N088	141.5
9	N057	139.8	53	N005	135.5
10	N094	141.9	54	N042	139.0
11	N011	136.6	55	N079	141.0
12	N048	139.3	56	N116	144.5
13	N085	141.3	57	N033	138.5
14	N002	134.4	58	N070	140.5
15	N039	138.8	59	N107	143.0
16	N076	140.8	60	N024	137.9
17	N113	143.8	61	N061	140.0
18	N030	138.3	62	N098	142.2
19	N067	140.3	63	N015	137.1
20	N104	142.7	64	N052	139.6
21	N021	137.6	65	N089	141.6
22	N058	139.9	66	N006	135.8
23	N095	142.0	67	N043	139.1
24	N012	136.7	68	N080	141.0
25	N049	139.4	69	N117	144.7
26	N086	141.4	70	N034	138.5
27	N003	134.9	71	N071	140.6
28	N040	138.9	72	N108	143.1
29	N077	140.9	73	N025	137.9
30	N114	144.0	74	N062	140.1
31	N031	138.3	75	N099	142.3
32	N068	140.4	76	N016	137.2
33	N105	142.8	77	N053	139.6
34	N022	137.7	78	N090	141.7
35	N059	139.9	79	N007	136.0
36	N096	142.1	80	N044	139.1
37	N013	136.9	81	N081	141.1
38	N050	139.4	82	N118	145.1
39	N087	141.5	83	N035	138.6
40	N004	135.3	84	N072	140.6
41	N041	139.0	85	N109	143.3

Study row	Subject	Result (mmol/L)	Study row	Subject	Result (mmol/L)
42	N078	140.9	86	N026	138.0
43	N115	144.2	87	N063	140.1
44	N032	138.4	88	N100	142.4
Study row	Subject	Result (mmol/L)	Study row	Subject	Result (mmol/L)
89	N017	137.3	105	N009	136.3
90	N054	139.7	106	N046	139.2
91	N091	141.7	107	N083	141.2
92	N008	136.2	108	N120	146.6
93	N045	139.2	109	N037	138.7
94	N082	141.2	110	N074	140.7
95	N119	145.6	111	N111	143.5
96	N036	138.7	112	N028	138.1
97	N073	140.7	113	N065	140.2
98	N110	143.4	114	N102	142.5
99	N027	138.1	115	N019	137.5
100	N064	140.2	116	N056	139.8
101	N101	142.5	117	N093	141.9
102	N018	137.4	118	N010	136.5
103	N055	139.7	119	N047	139.3
104	N092	141.8	120	N084	141.3

1 Results

1.1 Limit detail

Table 3. Subject values and limit CIs

Partition	Mean (mmol/L)	SD (mmol/L)	Observed range (mmol/L)	Lower-limit CI ranks	Upper-limit CI ranks
adult	140.00	2.49	133.40–146.60	1 and 7 (92.05%)	114 and 120 (92.05%)

CI ranks: the ordered subject values that bound each limit's CI; the confidence they achieve (in brackets) is at least the requested 90%.

6 of 120 values are outside the limits; about 6 expected (5%).

1.2 Values flagged for review

Table 4. Values outside the 1.5 × IQR fences

Item	Value
Review prompts	0 of 120 subjects
Screening fences	133.20–146.80 mmol/L