mg/dL USA	mmol/L Australia
1	0.1
5	0.3
10	0.6
15	0.8
20	1.1
25	1.4
30	1.7
35	1.9
40	2.2
45	2.5
50	2.8
55	3.1
60	3.3
65.0	3.6
70.0	3.9
75.0	4.2
80.0	4.4
85	4.7
90	5.0
95	5.3
100	5.6
105	5.8
110	6.1
115	6.4
120	6.7
125	6.9
130	7.2
135	7.5

mg/dL USA	mmol/L Australia
140	7.8
145	8.1
150	8.3
155	8.6
160	8.9
165	9.2
170	9.4
175	9.7
180	10.0
185	10.3
190	10.6
195	10.8
200	11.1
205	11.4
210	11.7
215	11.9
220	12.2
225	12.5
230	12.8
235	13.1
240	13.3
245	13.6
250	13.9
255	14.2
260	14.4
265	14.7
270	15.0
275	15.3

mg/dL USA	mmol/L Australia
280	15.6
285	15.8
290	16.1
295	16.4
300	16.7
305	16.9
310	17.2
315	17.5
320	17.8
325	18.1
330	18.3
335	18.6
340	18.9
345	19.2
350	19.4
355	19.7
360	20.0
365	20.3
370	20.6
375	20.8
380	21.1
385	21.4
390	21.7
395	21.9
400	22.2
405	22.5
410	22.8
415	23.1

mg/dL USA	mmol/L Australia
420	23.3
425	23.6
430	23.9
435	24.2
440	24.4
445	24.7
450	25.0
455	25.3
460	25.6
465	25.8
470	26.1
475	26.4
480	26.7
485	26.9
490	27.2
495	27.5
500	27.8
505	28.1
510	28.3
515	28.6
520	28.9
525	29.2
530	29.4
535	29.7
540	30.0
545	30.3
550	30.6
555	30.8

Notes:

There are two different systems for reading blood glucose, and you can calculate the conversion yourself. The conversion factor is approximately 18, as follows:

mg/dL / 18 = mmol/L
(the decimal value divided by 18 equals the metric value)

Example: **85 / 18 = 4.7** (roughly)

mmol/L x 18 = mg/dL
(the metric value multiplied by 18 equals the decimal value)

Example: **4.7 x 18 = 85** (roughly)

The ideal range is between:
- 95 - 180 (mg/dL)
- 5.3 - 10.0 (mmol/L)

Diabetes is a very complex disease for the average person to manage, it should be taken seriously and under the expert guidance of a veterinarian.
Any changes to insulin dosage should be made cautiously and only under the immediate guidance and direction of your own veterinarian.
You should always consult your veterinarian before attempting to manage your cat's blood tests at home. This tool is to be used as a guide only.
Target levels can vary depending on the source of the information. Mismanaging your cat's diabetes treatment can cause serious illness or even death.

Hypoglycemic level
Target range for diabetic cats
Hyperglycemic level
Ketoacidotic state

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