

Audiogram of the ringtail lemur (*Lemur catta*)

Data from: Gillette, R.G., Brown, R., Herman, P., Vernon, S. and Vernon, J. (1973) The auditory sensitivity of the lemur. *American Journal of Physical Anthropology*, 38, 365-370.

Average absolute thresholds (in dB re 20 $\mu\text{N/m}^2$) based on 5-6 ringtail lemurs

Frequency (in kHz)	Average Threshold (in dB)
.1	49
.2	36
.5	19
1	7
2	6
4	8
8	3
15	12
25	14
32	15
40	29
50	50
60	64
70	87
75	93

Lowest and highest frequencies audible at sound pressure levels (SPL) ranging from 30 to 70 dB SPL

SPL (in dB)	Lowest audible frequency (in kHz)	Highest audible frequency (in kHz)
70	—	63
60	.067*	58
50	.096	50
40	.160	45
30	.275	41

*Extrapolated value

Additional Parameters:

Body weight = 2.7 kg

Functional interaural distance= 280 μs

(Time required for sound to travel around the head from one auditory meatus to the other.)

Comments: Threshold values taken from graph in Gillette et al., 1973.