

Audiogram of the domestic sheep (*Ovis aries*)

Data from: Wollack, C.H. (1963) The auditory acuity of the sheep (*Ovis aries*). *Journal of Auditory Research*, 3, 121-132.

Absolute thresholds (in dB re 20 $\mu\text{N}/\text{m}^2$) for two domestic sheep (designated A and B)

Frequency (in kHz)	Individual Thresholds (in dB)		Average
	A	B	
.100	62	63	62.5
.200	57	56	56.5
.300	32	40	36
.700	22	24	23
1	23	27	25
3	11	17	14
5	14	26	20
7	-1	19	9
10	-4	-7	-5.5
20	2	8	5
30	4	20	12
40	42	48	45

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	—	—
60	.125	45*
50	.225	42
40	.275	38
30	.440	35

*Extrapolated value

Additional Parameters:

Body weight = 33 kg

Functional interaural distance = 670 μs

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

Comments: Threshold values taken from Wollack, 1963.