

## Audiogram of the domestic goat (*Capra hircus*)

Data from: Heffner, R.S., and Heffner, H.E. (1990) Hearing in domestic pig (*Sus scrofa*) and goat (*Capra hircus*). *Hearing Research*, 48, 231-240.

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

Frequency (in kHz)	Individual Thresholds (in dB)		Average
	A	B	
.063	65	65	65
.125	52	46	49
.250	24	22	23
.500	14	9	11.5
1	-1	-2	-1.5
2	-7	-14	-10.5
4	-6	-11	-8.5
8	2	-2	0
16	7	10	8.5
32	40	45	42.5
42	83	—	—
45	>88	76	~83

### 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	.052	40
60	.078	37
50	.120	34
40	.160	30
30	.205	24.5

#### Additional Parameters:

**Body weight** = 35 kg

**Functional interaural distance** = 680  $\mu\text{s}$

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

**Comments:** Threshold values taken from original data.