Audiogram of the ringtail lemur (*Lemur catta*)


Average absolute thresholds (in dB re 20 µN/m²) based on 5-6 ringtail lemurs

<table>
<thead>
<tr>
<th>Frequency (in kHz)</th>
<th>Average Threshold (in dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.1</td>
<td>49</td>
</tr>
<tr>
<td>.2</td>
<td>36</td>
</tr>
<tr>
<td>.5</td>
<td>19</td>
</tr>
<tr>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>25</td>
<td>14</td>
</tr>
<tr>
<td>32</td>
<td>15</td>
</tr>
<tr>
<td>40</td>
<td>29</td>
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<tr>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>60</td>
<td>64</td>
</tr>
<tr>
<td>70</td>
<td>87</td>
</tr>
<tr>
<td>75</td>
<td>93</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>SPL (in dB)</th>
<th>Lowest audible frequency (in kHz)</th>
<th>Highest audible frequency (in kHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>—</td>
<td>63</td>
</tr>
<tr>
<td>60</td>
<td>.067*</td>
<td>58</td>
</tr>
<tr>
<td>50</td>
<td>.096</td>
<td>50</td>
</tr>
<tr>
<td>40</td>
<td>.160</td>
<td>45</td>
</tr>
<tr>
<td>30</td>
<td>.275</td>
<td>41</td>
</tr>
</tbody>
</table>

*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.