

**Tab. 2** Body fluids.

---

| <i>mM concentrations</i>   | <i>Extracellular</i> | <i>Intracellular</i> |
|--|----------------------|----------------------|
| Na <sup>+</sup>  | 140                  | 10                   |
| K <sup>+</sup>   | 4                    | 140                  |
| Ca <sup>2+</sup>   | 2                    | 0.0001               |
| Mg <sup>2+</sup>   | 1                    | 1                    |
| Cl <sup>-</sup>  | 104                  | 4                    |
| HCO <sub>3</sub> <sup>-</sup>  | 27                   | 10                   |
| HPO <sub>4</sub> <sup>2-</sup> & H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> | 1                    | 10                   |
| SO <sub>4</sub> <sup>2-</sup>  | 1                    | 7                    |
| pH   | 7.4                  | 6.6                  |

---