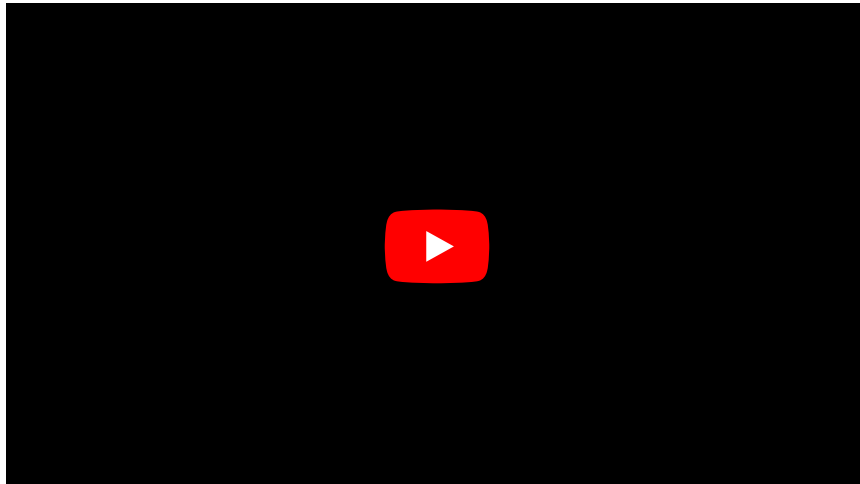


Buffering systems

Buffers:



Buffering systems of the human body are essential for maintaining homeostasis. Maintaining a constant pH of extracellular and intracellular fluids is also an essential part of homeostasis. The pH of extracellular fluids is physiologically in the range of 7.4 ± 0.04 .^[1]

Types of buffer systems

1. Bicarbonate system.
2. Phosphate system.
3. Hemoglobin system.
4. Protein system.

Links

Related articles

- Buffers
- Acid-base balance
- pH of the environment
- Mechanisms of maintaining acid-base balance

References

1. KITTNAR, Otomar, et al. *Lékařská fyziologie*. 1. vydání. Praha : Grada, 2011. 790 s. ISBN 978-80-247-3068-4.

Used literature

- KITTNAR, Otomar, et al. *Lékařská fyziologie*. 1. vydání. Praha : Grada, 2011. 790 s. ISBN 978-80-247-3068-4.
- 1.