

Resource Summary Report

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Hydrochloric Acid-Potassium Chloride Buffer (HCl-KCl)

DOI:10.17504/protocols.io.bfycjpsw

Type: Protocol

Proper Citation

Neilier Junior 2020. Hydrochloric Acid-Potassium Chloride Buffer (HCl-KCl). protocols.io dx.doi.org/10.17504/protocols.io.bfycjpsw

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.bfycjpsw>

Authors: Neilier Junior

Summary: A buffer solution has the function of resisting changes in pH even when adding powerful acids or bases. However, in the physiological environment the buffered system also provides cofactors for enzymatic reactions, critical salts and even essential nutrients for cells and tissues. Therefore, when trying to reproduce biological conditions in vitro, we must make the appropriate choice of the buffer. After all, it will provide the appropriate medium in which reactions will occur.

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Version: 1

Publication Date: 2020

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Record Creation Time: 20210329T220521+0000

Record Last Update: 20210329T220851+0000

Data and Source Information

Source: