Buffer for Lysosome acidification/phagosome acidification (pH calibration)

|  |  |  |
| --- | --- | --- |
| mM | stock | Volume/50 ml |
| 2.22 citric acid | 1 M | 111 ul |
| 3.33 HEPES | 1 M | 166 ul |
| 4.44 CHES | 1 M | 222 ul |
| 20 NaCl | 5 M | 200 ul |
| 120 KCl | 1 M | 6 **ml** |
| 1 CaCl2 | 1 M | 50 ul |
| 1 MgCl2 | 1 M | 50 ul |

pH: 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0 through 1N NaOH or 0.1 N NaOH