

## APPENDIX B

### Buffer preparation

#### 1. Citrate buffer

##### 1.1 Stock solutions

1.1.1 Solution A: 0.1 M Citric acid

1.1.2 Solution B: 0.1 M Sodium citrate

##### 1.2 Buffer preparation

X ml of solution A and Y ml of solution B, diluted to a total of 100 ml.

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X	Y	pH
46.5	3.5	3
33.0	17.0	4
20.5	29.5	5
9.5	41.5	6

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#### 2. Phosphate buffer

##### 2.1 Stock solutions

2.1 Solution A: 0.2 M monobasic sodium phosphate

2.2 Solution B: 0.2 M dibasic sodium phosphate

## 2.2 Buffer preparation

X ml of solution A and Y ml of solution B, diluted to a total of 200 ml.

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X	Y	pH
87.7	12.3	6
39.0	61.0	7
5.3	94.7	8

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## 3. Glycine - NaOH buffer

### 3.1 Stock solutions

3.1 Solution A: 0.2 M glycine

3.2 Solution B: 0.2 M NaOH

### 3.2 Buffer preparation

50 ml of solution A and Y ml of solution B, diluted to a total of 200 ml.

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Y	pH
8.8	9
32.0	10

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