



**APPENDIX B**

ชำนักรหอสมุด

## Reagents for indirect ELISA

### 1. Coating buffer (Carbonate-bicarbonate buffer, pH 9.6)

The buffer was prepared by dissolving 1.26 g of  $\text{NaHCO}_3$  in 300 ml of DW then the pH was adjusted to 9.6 with 0.05  $\text{Na}_2\text{CO}_3$  (0.53 g in 100 ml of DW).

### 2. Phosphate buffered saline (0.01 M PBS, pH 7.4)

The solution was prepared by dissolving 1.22 g of anhydrous  $\text{Na}_2\text{HPO}_4$ , 0.17 g of anhydrous  $\text{NaH}_2\text{PO}_4$  and 8.77 g of  $\text{NaCl}$  in 1 liter of DW. The pH of this solution was adjusted to 7.4 with 1 N  $\text{HCl}$ .

### 3. Washing solution (PBS-T)

Washing solution (PBS-T) was prepared by mixing tween-20 in PBS, pH 7.4 to a 0.05% concentration.

### 4. Blocking solution

The solution was prepared by dissolving 1 g of BSA (Fraction V, Sigma Chemical Co., USA) in 100 ml of 0.01 M PBS, pH 7.4.

### 5. Diluent solution

The dilution was prepared by dissolving 0.2 g of BSA and 0.2 g of gelatin in 100 ml of 0.01 M PBS, pH 7.4.