



**APPENDIX A**

สำนักหอสมุด

## Reagents for cell culture

### 1. Basic RPMI medium (serum free-RPMI)

The medium consisted of the following ingredients:

RPMI 1640 (Gibco Co., USA)	10.40 g,
HEPES, MW 238.31 (Sigma Chemical Co., USA)	5.95 g,
NaHCO <sub>3</sub>	3 2.016 g,
D-glucose	3.60 g,
Sodium pyruvate (Sigma Chemical Co., USA)	1.1005 g,
L-glutamine (Sigma Chemical Co., USA)	0.2923 g,
And UDW to make	1,000 ml

The medium was sterilized by filtering through a sterile Millipore membrane (pore size 0.22 mm the medium was kept in aliquots in sterile bottles at -20°C.

### 2. Complete RPMI medium

#### 2.1 Complete RPMI medium (10% FBS, v/v)

The medium consisted of the following ingredients:

Sterile, heat-inactivated fetal bovine serum (FBS)	10.0 ml
Basic RPMI medium	90.0 ml

Penicillin G and streptomycin were add to the final concentration of 20,000 units and 200 mg per liter, respectively.

#### 2.2 Complete RPMI medium (20% FBS, v/v)

The medium consisted of the following ingredients:

Sterile, heat-inactivated fetal bovine serum (FBS)	20.0 ml
Basic RPMI medium	80.0 ml

Penicillin G and streptomycin were added to the final concentration of 20,000 units and 200 mg per liter, respectively.