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ภาคผนวก

Phosphate Buffer Saline (PBS)

A. Concentrated Stock Solution

$\text{Na}_2\text{HPO}_4 \cdot 12 \text{H}_2\text{O}$	31.03	g
$\text{NaH}_2\text{PO}_4 \cdot 2 \text{H}_2\text{O}$	2.0316	g
NaCl	85.0	g
Distilled Water	1000	ml

B. Working Solution PBS (0.01 M, pH 7.6)

Concentrated Stock Solution	100	ml
Distilled Water to	1000	ml

วิธีเตรียม media RPMI 1640

RPMI 1640 (Grand Island Biological Company, N.Y.-GIBCO)

1 ของ ละลายใน deionized double distilled water 1000 ml แล้วกรองด้วย millipore filter ขนาด 0.45 μ

นำ media RPMI 1640 นี้มาเติม fetal calf serum (FCS) (GIBCO)

ให้ได้ 8% fetal calf serum ใน media RPMI 1640 (FCS ก่อนนำมาใช้

ต้อง heat ที่ 56°C ก่อน) เติม Penicillin (Merck Sharp & Dohme

(Thailand) Ltd.) 100 U/ml และ Streptomycin (Merck Sharp &

Dohme (Thailand) Ltd.) 100 μ g/ml ปรับ media ด้วย 7.5% NaHCO_3

หรือ 1 N HCl หรือ 1 M N-2-hydroxy ethyl piperazine-N-2-ethane

sulfonic acid (HEPES) (Flow Laboratories, U.S.A.) ให้ได้ pH

ประมาณ 7.4

ประวัติผู้เขียน

เรืออากาศเอกหญิง สาวตรี เศรษฐนันท์ เกิดวันที่ 4 กันยายน พ.ศ. 2497
ที่อำเภอแหลมสิงห์ จังหวัดจันทบุรี จบปริญญาวิทยาศาสตรบัณฑิต (เทคนิคการแพทย์)
มหาวิทยาลัยมหิดล เมื่อปี พ.ศ. 2519

ปัจจุบันทำงานในตำแหน่งนายทหารเทคนิคการแพทย์ กองพยาธิกรรม
รพ. ภูมิพลอดุลยเดช พอ.