

# LIPID MAPS Solution Protocol

**Solution name:** DMEM 10% NCLPPS 1% Pen/Strep

**Solution name abbreviation:** 10% NCLPPS

**Protocol ID:**

**Version:**

**Volume:** 500 mL

**Components:**

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
DMEM with 4mM L-Glut and 4.5 g/L glucose	Cellgro	10-013	1X	445 mL	1X
Antibiotic Penicillin Streptomycin	Gibco	15140-122	100%	5mL	1%
NCLPPS	Core J	N/A	100%	50mL	10%

## **Solution Preparation:**

1. Remove 55 mL from the DMEM reagent stock bottle.
2. Add 50 mL NCLPPS.
3. Add 5 mL Pen/Strep.
4. Invert to mix.
5. Warm to 37°C before use.
6. Store at 4°C.

## **Notes:**

- NCLPPS = Newborn calf lipoprotein-deficient serum
- Use NCLPPS within one month of thawing.

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