



PurMa Biologics, LLC

Preparing Spleen Feeder Cells

Procedure:

- 1) Sacrifice an adult healthy mouse and wash the whole body with 70% EtoH.
- 2) Prepare 500 ml PurMa™ IMDM Media (Cat#: P3S0107) containing PurMa™ Antibiotic / Antimycotic Mix Solution (1X), High Fungicide (25 µg/ml) (Cat #: P3A111405).
- 3) Under the fume hood lay the mouse on his right side as the left side is facing up.
- 4) Take the spleen out, place it in 5ml PurMa™ IMDM and by using two syringes poke the spleen. After a few times take the medium and put it in a falcon and put fresh medium with spleen. Repeat this until the spleen becomes transparent.
- 5) Take all the fat tissues and the tissues which have not been properly teased.
- 6) Spin down the spleen cells and resuspend in 10 ml PurMa™ IMDM + 20% FBS+ 100 µl of PurMa™ HAT (Hypoxantin Aminoprotein Thymidine) (the stock is 100X, dilute in 100 times) (Cat # P3S018615).
- 7) Put the snap cap tube in a CO₂ incubator.
- 8) The cells of each extraction can be used for 5-7 days.