

Patient-derived explant (PDE):

1. Wash prostate tissue specimens with 3ml ice cold PBS three times.
2. Add charcoal strip RPMI 1640 medium (1% LG, 1% PS and 10% FBS ) into 12-wells plate (each well add 1ml)
3. Put a square of gelatin sponge into each well, make sure only half of the sponge is submerge in the medium
4. Rinse tissue 3x with ice cold PBS
5. Trim prostate tissue into 5 pieces to ~ 5 x 5 mm in size
6. Individually put the rest of pieces on the surface of each sponge
7. Remain 1 piece and put it to cold 2% PFA/PBS overnight (4°C) as Day 0 sample.
8. Put the plate into the incubator (37 °C)