Protocol for PTT of Citrate PBNP

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**Protocol:**

1. Make a 500ul solution of 0.15mg/ml PBNP in DI H2O in 1.7ml Eppendorf Tube
   1. Measure concentration of PBNP stock with Spectramax and calculate necessary volume for solution
2. Place and center tube under near infrared laser set to 2W
   1. Tube should be mounted on tube rack.
   2. Laser should be mounted on ring stand in the laser room
   3. Use laser power sensor to determine laser power
3. Use FLIR thermometer to measure the temperature of the PBNP suspension every 1 minute for 10 minutes
   1. Be sure to get a 0 minute temperature measurement
   2. Save all photos onto computer
4. Repeat steps 1-3 with a fresh 0.15mg/ml PBNP solution with the laser set to 1.5W, 1W, and 0.5W
5. Calculate Thermal Dose via excel template