DISCOVERIES THAT MAKE A DIFFERENCE

Core Imaging Facility

Ben Fowler, Manager
(405) 271-7545
http://Imaginglinux2.omrf.ouhsc.edu/

Oklahoma Medical Research Foundation

825 N.E. 13th Street
Oklahoma City, OK 73104
405-271-6673
800-522-0211
http://OMRF.org/

DAPI Staining Protocol

Prepare the following solutions:

(To determine the amount needed for your experiment, please note that one tube of **Solution 1** will yield a total of 100mL of working solution, at a final concentration of 0.5ug/mL.)

Solution 1*: 5 µL DAPI (10 mg/ml solution)
995 µL PBS
* Solution is viable for one month if stored at 4° in the dark

Solution 2 (working solution): 10 µL of Solution 1
990 µL PBS

Treatment: →Add **Solution 2** (working solution) to your tissue/cells and incubate at room temperature for 1-5 minutes.
→Rinse 2X with PBS.
→Mount coverslip with Shur/Mount, Prolong or comparable antifade medium.
→Seal coverslips (if necessary) with Valap or nail polish.**

Try to avoid nail polish if are visualizing GFP, as the additives in nail polish tend to quench the signal.