

Other Whole Mount X-Gal Protocols

This protocol was adapted on Zou, Fenistein, Mombaerts, et. Al., 2004.

- Dissect tissue
- Fix for 1-2 hours with:
 - 100 mM phosphate buffer (pH 7.4)
 - 4% paraformaldehyde
 - 0.02% glutaraldehyde
- Expose tissue at 37°C overnight in:
 - 5 mM potassium-ferricyanide
 - 5 mM potassium-ferrocyanide
 - 1 mg/mL x-Gal

(From Vassalli et. Al., 2002)

Buffer D:

100 mM phosphate buffer (pH 7.4)
1 mg/mL fast red violet LB salt
0.2 mg/mL 5-6-X-Gal (or X-Gal)

- Dissect tissue
- Expose tissue with Buffer D for 30 minutes at 37°C