

# Bleaching Embryos

Reference: <http://www.cas.vanderbilt.edu/zebrafish/bleaching.html>

Embryos to be raised should be bleached on day 1 of development follows:

## 1. Prepare bleach solution.

500 mL Egg Water  
350 uL Bleach

Label bottle with date prepared. Bleach solution can be kept for up to one week.

## 2. Soak embryos in Bleach Solution for *exactly* 5 minutes. Trying to bleach more than two lines at once will make it difficult to be consistent and accurate.

- Pour off original egg water and add bleach solution until petri dish is at least half filled.
- Gently swirl dish so that the embryos are evenly separated.

## 3. Rinse embryos in Egg Water for 5 minutes.

- Pour off bleach solution.
- \*\*\* Be careful to remove all the bleach by using a pipette \*\*\*
- Add Egg Water until dish is at least half filled.
- Gently swirl dish so that embryos are evenly separated.

## 4. Repeat steps #2 and #3 so that embryos are bleached and rinsed a total of TWO times.

## 5. Rinse embryos two more times in Egg Water for 5 minutes.

## 6. Divide embryos into dishes of no more than 50 and manually dechorionate on day 1 or day 2 of development, as they can no longer free themselves.