

*Approved by Director: Dr. Guy Vallaro***Formulation of 20% Bleach for Laboratory Decontamination**

Bleach will be made daily. The preparer's initials and date of preparation will be on the container. Do not use any bleach solution beyond the preparation date.

1. Using a graduated cylinder, measure out 800 mL of 100% Bleach solution.  
Note: Ensure that the 100% bleach solution has a hypochlorite concentration greater than 5 %. If it is less than 5%, DO NOT use that bleach.
2. Bring the solution up to 4000 mL using Millipore water.  
Note: Other volumes of the 20% bleach stock solution can be formulated if necessary. Using the same ratio of 100% bleach to water, adjust the volumes accordingly.
3. Pour from the 20% Bleach stock bottle into the individual squirt bottles used by the examiners during DNA processing for cleaning purposes. Ensure the bottles are labeled with 20% Bleach, the preparer's initials and the date of preparation..
4. It is the examiner's responsibility to ensure that, prior to use, the squirt bottle of 20% bleach has not passed the 1 day expiration date. If it has, the contents of the squirt bottle must be emptied out.