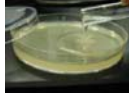


# Nutrient Agar



For growing Bacteria, Mold, etc.

## INSTRUCTIONS FOR PREPARING THE GROWING MEDIA

This vial of agar is sufficient to make a full cup of growing media that is suitable for growing many forms of bacteria, mold and yeast. This quantity is sufficient for charging 10 to 20 petri dishes, as only a very thin layer is required.

In order to use this material over a long period of time and for several different experiments, you may wish to make up a small quantity at a time.

## RATIO OF AGAR POWDER TO WATER

1/8 Teaspoon of Agar to 1/4 cup of water.

1/4 Teaspoon of Agar to 1/2 cup of water

1/2 Teaspoon of Agar to 1 cup of water

Using standard kitchen measuring cups and spoons, add the appropriate amount of Agar powder to the correct amount of **COLD** water. Stir until the Agar is completely dissolved. Pour this solution from your measuring cup into any available kitchen pot and bring to boil. At the moment when the initial boiling begins, foam will begin to form on top. Remove immediately and pour a thin layer into pre-sterilized petri dishes and cover immediately. Allow to harden.

**ADULT SUPERVISION IS A MUST**

