

Make Your Own Cytoplasm

Cytoplasm is the gel-like substance contained within a cell membrane. All of the cell's components (such as the nucleus and the mitochondria) sit in the cytoplasm.

This cytoplasm recipe makes a colorful, slimy substance that's fun to play with. And the best part is it's completely non-toxic—Nikhil checked twice—so it's perfectly edible! If you want to have more nerdy fun, you can use candy and other creative ingredients to make an entirely edible cell.

Edible Cytoplasm

Adapted from About.com Chemistry "Edible Slime"
(<http://chemistry.about.com/od/slimerecipes/a/edible-slime-recipe.htm>)

Ingredients:

- 1 can sweetened condensed milk (14 oz.)
- 1 tablespoon cornstarch
- A few drops of food coloring (any color)
- A few drops of vanilla (optional)

How to make it:

1. In a saucepan over low heat, stir together the milk and cornstarch. Stir and heat until the mixture thickens, then remove from heat.
2. Stir in the coloring and any flavorings.
3. Allow the cytoplasm to cool.
4. Enjoy! Be sure to keep it away from surfaces that could be stained by food coloring, like carpet or furniture.
5. Store in a sealed plastic bag in the refrigerator. It will last one or two days.



photo from blogmemom.com