

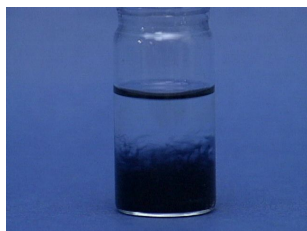
# Demonstration Download: Iodine Clock

## ChemTeacher Demonstrations

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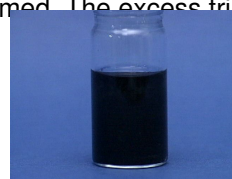
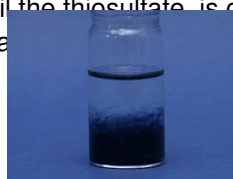
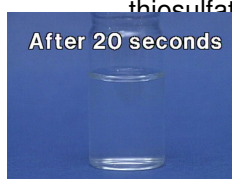
### Iodine Clock

Author:



Most chemical changes involves color changes. The demo, "Iodine clock", is a classic color-changing reaction.

Futher Images:



A solution of hydrogen peroxide and sulfuric acid is added to a solution of iodide ion, thiosulfate ion, and starch. A slow reaction forms triiodide, which reacts rapidly with thiosulfate, until the thiosulfate is consumed. The excess triiodide then reacts with the

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### Materials

hydrogen peroxide and sulfuric acid solution;

iodide ion, thiosulfate ion, and starch solution;

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### Procedure

First put some of the solution of iodide ion, thiosulfate ion, and starch in a small beaker or glass bottle and then add the solution of hydrogen peroxide and sulfuric acid.

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### Notes

No Description available

<b>Demonstration Time</b>	minutes	<b>Difficulty</b>	Some laboratory experience required
<b>Portions</b>	Not specified	<b>Availability of Materials</b>	
<b>Preparation Time</b>		<b>Cost of materials</b>	