**Test Kit for Sulfiting Agents in food**  
*(Bleaching agent)*

**Self Food Quality Care**

Sulfiting agents, commonly used in a variety of foods, are sulfur dioxide, sodium sulfite, sodium bisulfite and sodium metabisulfite. These compounds have effectively been used in foods to bleach color and inhibit growth of yeasts, molds and bacteria for preservation. Sulfiting agents are permitted for use in some kinds of food in accordance with the Public Health Notification No 84 (B.E.2527). The Government Pharmaceutical Organization (GPO) has produced the Test Kit for sulfitating agents in Food which was developed and technologically transferred to GPO by the Department of Medical Sciences. The test kit can be easily used outside the laboratory with fast and reliable result.

**Health Impact**
Consuming large amount of sulfiting agents cause abdominal pain, dizziness, vomiting, diarrhea, lower blood pressure.

For severe allergic person or asthmatic patient may cause shock, coma and death.

**Target Sample**

Fresh and preserved vegetables / fruits such as bean sprout, shredded ginger, prickled vegetables, dried fruits, and shrimp paste, etc.

**Number of Tests :**

50 Tests

**Sensitivity of Test Kit:**

Detection limit : 150 mg/kg (150 ppm) of Sodium sulfite (free sulfite)

**Keeping / Age**

- Store at room temperature / 1 year
**Test Kit Tool**

1 Plastic Cup  
1 Bottle of test reagent

**Instructions**

1. For liquid sample, pour 10 ml of sample in the plastic cup. In case of solid sample, put ½ teaspoonful of sample into the plastic cup, add 10 ml of clean water, and wait for 1-2 minutes.

2. Add 3-4 drops of test reagent, shake and notice the color.

**Evaluation**

1. If the color of test reagent immediately disappears, such sample contains sulfating agent.

2. If the liquid is bluish-violet, such sample contains no sulfating agent.

**Precaution**

Keep the test kit out of children reach.

**Place to Order:**

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