

▶ **Standard color scale** ◀

Scale color observe	1	2	3	4	5	6	7
Concentration (ppb)	0	5	20	50	100	200	500

▶ **Information on chemicals**

- 1) Reagent contains corrosive acid that can cause severe burns to skin, eyes, and respiratory tract.
- 2) Strip H the lower half of these paper strips contains toxic chemicals. They are harmful if swallowed, inhaled, or absorbed through skin. Hold the paper by the top end indicated with the colored mark.

*Keep all bottles tightly closed when not in use*



**Mercury Field Test Kit**



Read instructions before use

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### ▶ Package contents

- |  |          |
|--|----------|
| 1) Reaction bottle with special cap          | 2 set    |
| 2) Syringe                                   | 1 piece  |
| 3) Reagent R                                 | 2 bottle |
| 4) Pasture pipette<br>(for handling reagent) | 1 bottle |
| 5) Strip H                                   | 1 box    |
| 6) Plastic bag(for used paper strip)         | 1 bag    |

### ▶ Cautions

- 1) Immediately close all reagent containers after use.
- 2) Avoid contact of liquid reagent with skin and eyes.
- 3) Hold the paper strip at the top end (marked with color). Do not touch the lower half of paper strip with bare fingers. *(keep the used paper strip in the plastic bag provided)*
- 4) Always wash your hands after using the kit.
- 5) Keep the kit out of direct sunlight and away from heat, food, pets, and the reach of children.

### ▶ Testing procedure ◀

#### Step 1 Prepare the special cap by

Inserting strip H in the slot of the cap on top of the rubber ring, in the direction shown in figure below.



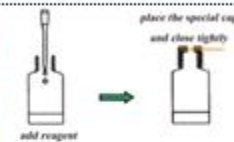
#### Step2

Add 10 ml of water sample into the reaction bottle by using syringe provided.



#### Step 3

Add 2 ml of reagent R into the reaction bottle by using pasture pipette provided. Immediately place the special cap on top and close tightly. Swirl to mix, allow the contents to react for 20 min. Do not shake or invert the reaction bottle.



Scale color observe	1	2	3	4	5	6	7
Concentration (ppb)	0	5	20	50	100	200	300

#### Step4

Loosen the special cap, remove strip H and compare the developed color with the standard color scale.