

- ★READ THIS INSTRUCTION MANUAL PRIOR TO USING THIS PRODUCT.
- ★DO NOT DISCARD CAREFULLY THIS INSTRUCTION MANUAL UNTIL ALL THE TUBES IN THIS BOX ARE USED UP.

⚠ CAUTION FOR SAFETY

- 1)Safety glasses and gloves should be worn to prevent injury from splintering glasses.
- 2)The detector tube contains chemical reagents. In case you touch the reagents, wash your hands thoroughly.
- 3)Keep the detector tubes out of the reach of children.
- 4)Be careful during sampling as the detector tube may fall off and sampling target may be spattered.

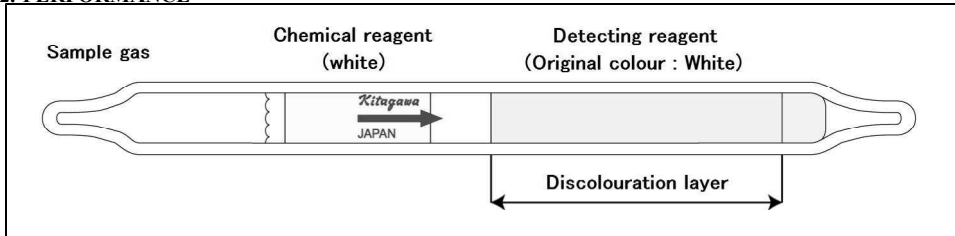
⚠ CAUTION FOR USE

- 1)Do not use the detector tubes beyond the stated operating temperature range.
- 2)Store the detector tubes in a cool and dark place (0-25 °C/32-77°F) and use before expiration date printed on the top of the box.
- 3)Read the concentration immediately after the measurement.
- 4)Prior to use, read **ITEM 6. USER RESPONSIBILITY** carefully.

1. PURPOSE

Use the detector tubes for qualitative of Paraquat dichloride in blood and urine only.

2. PERFORMANCE



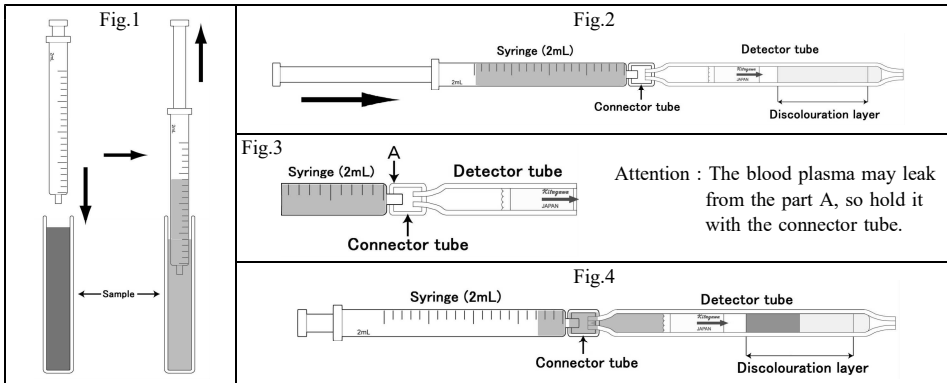
Sampling Volume	2 mL
Sampling Time	30 seconds
Colour Change	White → Blue
Detectable Limit	0.5 μ g/mL
Operating Temperature Range	15 - 25 °C (39 - 77°F)
Chemical Reaction in the tube	Paraquat dichloride is reduced by Sodium hydrosulphite

3. MEASUREMENT

⚠ PRE-TREATMENT

Take 5mL of blood (**NOTE 1**) into a test tube and put it into a centrifuge. This separated blood plasma will be a sample to put into the detector tube.

In case of sampling urine, this pre-treatment is not required.



- ① Break both ends of the detector tube.
 - ② Take the blood plasma into a syringe at 2mL as shown in Fig.1.
 - ③ Connect the detector tube and the syringe with the connector tube as shown in Fig.2.
Make sure to connect them tightly.
 - ④ Insert the blood plasma into the detector tube for 30 seconds at a uniform velocity as shown in Fig.4.
- (NOTE II)**
- ⑤ Remove the detector tube from the connector tube and confirm the discolouration of the detecting reagent.

NOTE

I . Use a fresh blood.

II . The blood plasma may leak from the connector tube, so wear gloves and hold the connector tube with a hand when inserting it. Take caution when inserting especially as the reagents part has resistant.

4. JUDGEMENT

Discolouration of reagents

White → Blue : Paraquat dichloride is included in the blood.

No discolouration : Paraquat dichloride is not included in the blood.

5. DISPOSAL OF TUBES

USED TUBES SHOULD BE DISPOSED CAREFULLY ACCORDING TO RELEVANT REGULATIONS, IF ANY.

6. USER RESPONSIBILITY

It is the sole responsibility of the user of this equipment to ensure that the equipment is operated, maintained, and repaired in strict accordance with these instructions and that detector tubes are not used which are either beyond their expiration date or have a colour change different to that stated in the Performance specifications.

The Manufacturer and Manufacturer's Distributors shall not be otherwise liable for any incorrect measurement or any damages, whether damages result from negligence or otherwise.

※ Product specifications are subject to change without any prior notice.