



# Urine fecal occult blood test kit

(Cat/No.:BC074 Size:100T )

## 1. Determination principle (colorimetric method)

Hemoglobin acts like peroxidase, catalyzing the oxidation of o-toluidine by hydrogen peroxide, resulting in a blue color.

## 2. Composition (The kit is valid for 6 months)

Reagent 1: o-toluidine solution, 10 mL × 1 bottle, store protected from light.

Reagent 2: Hydrogen peroxide, 10 mL × 1 bottle, store at 4°C.

## 3. Operation steps

1. Add 2 to 3 drops of reagent 1 (o-toluidine solution) onto a white porcelain plate;
2. Add 1 to 2 drops of reagent 2 (hydrogen peroxide) ;
3. If no color change occurs, immediately mix a small amount of feces with the reagents. Observe the result;
4. Observe the results .

[Alternatively, spread the feces on a white porcelain plate (or white filter paper), add Reagent 1

(o-toluidine solution), then add Reagent 2 (hydrogen peroxide), and observe the result.]

## 4. Result analysis

Negative (-): No blue-green color appears after 3 minutes;

Weak Positive (+): Blue color appears within 30 to 60 seconds;

Positive (++) : Blue-green color appears immediately;

Strong Positive (+++) : Deep blue color appears immediately.

**Note: This kit is mainly used for human urine and feces samples, and the effect on other samples is poor.**

