

User's Manual of Yeast Doctor

Yeast Doctor was developed base on the yeast strains modified by 2013 Tsinghua iGEM Team. The yeast strains of Yeast Doctor detect specific small molecules released by pathogens in users' secretions and then send report the pathogen alert in different optional ways.

1. Contents

Yeast Doctor	
Paper	8×10(cm)
Dry yeast powder	5 μ g
Dry growth medium powder	10 μ g

Vacuum-packed paper with dry yeast powder and yeast growth medium powder on it.

2. Uses

- Detect certain types of pathogenic infections
- Alert users to pathogen infections in different ways

3. Directions

- Removing packing bag gently
Try to avoid carrying the powder off and keep the packing bag for discarding used papers.
- Moisturizing the paper with warm water
The effect will be enhanced when the temperature of the water is kept between 30°C and 50°C. The optimal temperature is also dependent on the room temperature where using.
- Keeping the paper in warm place for 8-14h
The optimal temperature for keeping the paper is 30°C. The length of recovery times varies in different cases.
- Spreading your secretions on the paper
Nasal discharge, sputum and urine are most commonly detected samples.
- Waiting for the pathogen alert
Users can choose any kind of reporter as they like.
- Discarding used papers.
Put the paper back to the packing bag and seal tightly.

4. Warns

- Avoid touching the paper with your skin.
- Stop use and ask a doctor if you feel allergic to this product.
- The product is not able to replace doctors. Go to see a doctor if necessary.