

## Indican (Obermeyer) Test Kit

Catalog Number: I1000S

### DESCRIPTION

*INDICAN* (indoxyl sulfate) is a putrefaction product resulting from bacterial deconjugation of dietary tryptophan to indole in the small intestine. Indican levels are directly associated with bacterial activity in the intestines. Elevated levels indicate intestinal toxemia or overgrowth of anaerobic bacteria, putrefaction of undigested food in the bowels, stomach disorder (constipation, malabsorption), intestinal disorders and pancreatic insufficiency.

The urinary Indican (Obermeyer) test is an accurate, simple, fast (15 min) and inexpensive screening tool for the identification of protein putrefaction in the gastrointestinal tract.

### Product Information

Catalog No: I1000S

Number of Tests: 20 per package.

Contents:

- 20 Vials of Reagent
- 20 Droppers
- Instruction Manual

Shipping/Storage: The kit is shipped and stored at room temperature.

Expiry: see expiry date on the vial label.

*For Research Use Only. Not for use in Diagnostic Procedures*

### TEST PROCEDURE

*Caution: The Indican (Obermeyer) Reagent is corrosive. It is recommended to perform the test in a chemical fume hood. Wear gloves, goggles and protective clothing.*

*In case of accidental contact with the reagent, immediately cover with baking soda and wash with ample amount of warm water.*

Samples: No alcohol the night before; preferably a high protein meal the night before; no iodine or bile supplements taken in high doses 3 - 4 days prior to testing. Obtain first morning urine sample in a clean container. Urine Indican Samples are stable for 3 days when stored at 25°C or below.

1. Unscrew the Cap off the Indican vial.
2. Using the dropper, carefully transfer 1 mL of urine (fill dropper to the top 1-mL line) to the vial. Avoid spillage.
3. Replace cap, securely close the vial and invert the vial once. Unscrew cap to relieve pressure. Retighten the vial.
4. Leave the vial stand for 10 - 15 minutes.
5. Repeat Step 3 six times. Let the vial stand for the solution to settle.
6. Compare the color in the bottom chloroform layer with the Indican Color Chart below. Record results and dispose the materials properly.

### Expected Results

Clear or Urine color	0: Normal
Light Blue	1: Low Positive
Blue	2: Medium Positive
Violet	3: High Positive
Jet Black	4: Very High Positive.

### Indican Color Chart

