

Description

Rapid colorimetric screening kit for the semi-quantitative determination of indican (indoxyl sulfate) in urine as an indicator of intestinal bacterial putrefaction.

Specifications

Detection Method	Colorimetric (modified Obermeyer reagent; visual colour chart comparison)
Sample Type	Urine
Species Reactivity	All
Assay Time	15 minutes
Kit Size	20 Assays
Equipment Required	Not applicable (visual colour comparison)
Storage	Room temperature (protect from sunlight)
Shelf Life	See expiry date on the vial label
Shipping	Room Temperature

Kit Components

Component	Quantity	Storage
Reagent Vials	20 vials	Room temperature (protect from sunlight)
Droppers	20	Room temperature

Ordering Information

Assay Genie Cat. No.	Pack Size
BA0256	20 Assays

Assay Procedure

Note: This is a sample protocol. Protocols are batch/lot specific - always follow the instructions supplied with your kit.

1. Sample collection: no alcohol the night before; preferably a high-protein meal the night before; no iodine or bile supplements in high doses 3-4 days prior to testing. Obtain a first-morning urine sample in a clean container.
2. Unscrew the cap off the Indican vial.
3. Using the dropper, carefully transfer 2 × 1 mL of urine (each time filling the dropper to the top 1-mL line) into the vial, avoiding spillage.
4. Replace the cap and securely close the vial. Immediately invert the vial five times at 0, 5, 10 and 15 minutes.
5. Compare the colour in the top solvent layer with the Indican Colour Chart, record the result, and dispose of the materials properly.

Expected Results (Indican Colour Chart)

Colour	Grade	Interpretation
Clear or Light Yellow	0	Normal
Greenish Blue	1	Low Positive
Light Blue	2	Medium Positive

Colour	Grade	Interpretation
Blue	3	High Positive
Dark Blue	4	Very High Positive

Calculation

Grade the colour of the top solvent layer against the supplied Indican Colour Chart: Clear or Light Yellow = 0 (Normal); Greenish Blue = 1 (Low Positive); Light Blue = 2 (Medium Positive); Blue = 3 (High Positive); Dark Blue = 4 (Very High Positive).

Notes

- Not intended for diagnostic use.
- Caution – corrosive: the Indican Reagent contains hydrochloric acid. Wear gloves, goggles and protective clothing when performing the test; in case of accidental contact, immediately cover with baking soda and wash with ample warm water.
- Protect the kit from sunlight; store at room temperature.
- Reagents are for research use only. Refer to the MSDS for detailed safety information.

Assay Genie | sales@assaygenie.com | www.assaygenie.com

Technical specifications are based on manufacturer documentation and may be updated. Protocols shown are summaries - always follow the instructions supplied with your kit/lot.