CREATIVE BIOMART®
Assay Kit

Indican Assay Kit

Product Information

Cat.No. Kit-0476

Product Overview

Indican Assay Kit is used for quantitative determination of indican (indoxyl sulfate) in using colormetric methods.

Description

Indican (indoxyl sulfate) is a putrefaction product resulting from bacterial deconjugation of dietary tryptophan to indole in the small intestine. A large body of evidence supports the use of urinary indican testing as a beneficial point-of-care screening tool for dysbiosis, small intestinal bacterial overgrowth (SIBO), constipation, malabsorption, intestinal mucosal permeability etc. Common microorganisms that contribute to positive indican tests include Salmonella, Shigella, Campylobacter jejuni, yersinia enterocolitica, Citrobacter freundi, Citrobacter diversus, Klebsiella pneumoniae, Pseudomonas aeruginosa, certain strains of Escherichia coli, Staphyloccocus aureus, some strains of bacteriodes, Clostridium difficile, Candida albicans, other candida species etc.

Applications

Quantitative direct determination of indican in urine samples.

Usage

For research use only (RUO)

Storage

Store Reagent A at room temperature and other components at -20°C. Shelf life of 12 months after receipt.

Kit Components

Reagent A 200 mLReagent B 15 mLStandard (30 mg/dL) 15 mL*For 96-well plate: 1000 assays*For cuvette: 200 assays

Detection method Colorimetric

Compatible Sample Types

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CREATIVE BIOMART®
Assay Kit

Indican Assay Kit

Urine samples

Features & Benefits

Fast and sensitive. Linear detection range: 0.2 - 20 mg/dL (8-800 µmoles/L).Fast and high-throughput. Homogeneous "mix-incubate-measure" type assay. Assay takes only 10 min.Can be readily automated for processing thousands of samples per day.

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