CREATIVE BIOMART®
Assay Kit

Indican Assay Kit

Product Information

Cat

Kit-2507

Cat.No. Kit-2507

Product Overview

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. Traditional Indican test using Obermayer's reagent gives only qualitative results. quantitative indican assay kit is based on an improved Curzon and Walsh method. In this assay, indican reacts with a chromogen. The color intensity of the product at 480nm is directly proportional to the indican concentration in the sample.

Storage

RT, -20°C

Shipping

RT

Size

1000 tests

Detection method OD480nm

Compatible Sample Types

Urine

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Fax:1-631-938-8127

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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.
Assay time
10 min
Sensitivity
0.2 mg/dL

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