



CDSA LEVEL 1 - Test Code 2003



Turnaround Time: 7 business days



Specimen Type: Stool Kit

Description

The Comprehensive Digestive Stool Analysis (CDSA) Level 1 test provides a detailed analysis of gut health, including macroscopic and microscopic descriptions of stool samples. It evaluates beneficial bacteria, other microorganisms such as yeasts and parasites, and measures antibiotic/natural agent susceptibilities for bacteria and yeasts. This panel identifies microorganisms using advanced culture techniques and MALDI-TOF mass spectrometry for precise bacterial and fungal identification. Conventional biochemical methods are also employed for further identification.

Additionally, the test assesses the pH level of the stool, which is vital for understanding the gut's environment and microbial balance. A healthy balance of gut flora is essential for digestion, immune function, and nutrient absorption, whereas imbalances may contribute to conditions like irritable bowel syndrome (IBS), dysbiosis, and yeast overgrowth (Kuziel & Rakoff-Nahoum, 2022).

This profile is particularly useful for assessing gastrointestinal health, identifying infections, and guiding therapeutic interventions, providing crucial insights for managing digestive and immune-related disorders.

Whats included?

- Macroscopic & Microscopic description
- Beneficial and other Bacteria
- Yeasts & Parasites
- Antibiotic/Natural agent susceptibilities (bacteria & yeasts only)
- Stool pH

Conditions and Symptoms

- Abdominal pain
- Bloating
- Excessive flatulence or belching
- Loose or watery stools
- Constipation or infrequent bowel movements
- Heartburn
- Nausea and vomiting
- Changes in weight

Complementary Testing

- Faecal DNA Multiplex PCR (Test code 2002)
- Zonulin (Test code 2023)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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*See NATA and CLIA website for further details