LAB #: F000000-0000-0
PATIENT: Sample Patient
ID: P000000000
SEX: Female
AGE: 5

CLIENT #: 12345
DOCTOR:
Doctor's Data, Inc.
3755 Illinois Ave.
St. Charles, IL 60174

C. difficile culture; stool

RESULTS

	Within	Outside	Reference Interval
C. difficile culture		3+	NG / No Growth

INFORMATION

Clostridium difficile (C. difficile) is a gram-positive anaerobic bacterium recognized as a major cause of antibiotic associated diarrhea and colitis. Infection is not uncommon in individuals who have taken broad spectrum antibiotics that eliminate beneficial/competing bacteria. Risk for infection is increased in individuals housed in places where *C. difficile* is prevalent (e.g. hospitals, chronic care facilities). *C. difficile* is ubiquitous in nature and has been isolated from soil, sand, animal feces, and water. Approximately half of all healthy neonates carry *C. difficile* asymptomatically during their first year of life; the carrier rate decreases to about 3% in asymptomatic adults. *C. difficile* associated disease is not overtly expressed unless the bacteria actively produce toxins A and B. If the culture is positive for *C. difficile*, a molecular diagnostic assay utilizing DNA amplificiation technology which can detect all known strains of toxigenic *C. difficile* will be performed at no additional cost to determine toxigenicity.

SPECIMEN DATA

Comments:

Date Collected: 9/25/2011
Date Received: 9/28/2011
Date Completed: 10/6/2011

V04.11