



**SMALL INTESTINAL BACTERIAL OVERGROWTH/INTESTINAL METHANOGEN OVERGROWTH (SIBO/IMO) REPORT**

Center for SIBO Testing  
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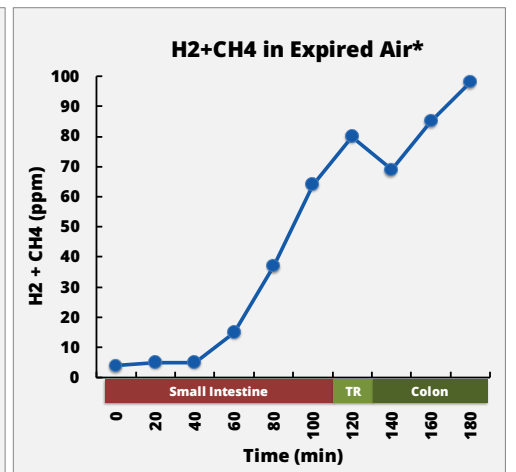
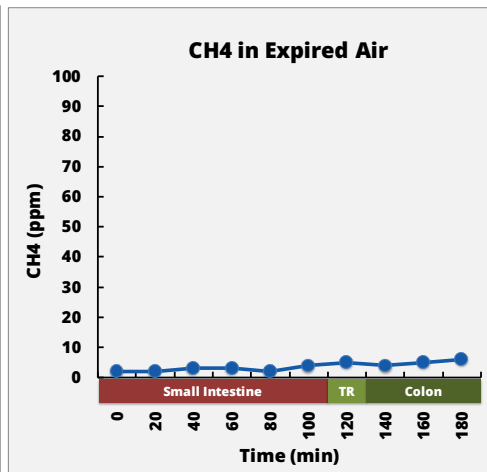
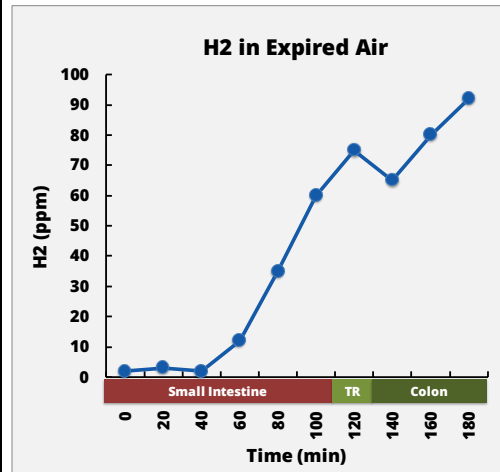
CLIA #50D2133510

**SUBSTRATE: LACTULOSE**

<b>Patient Name:</b> John Smith <b>Street Address:</b> 123 NW 128th Ave <b>City, State, Zip:</b> Los Angeles, CA 90005 <b>Gender:</b> Male <b>Date of Birth:</b> 02/12/1985 <b>Age:</b> 34 <b>Patient Phone:</b> (555) 123-4567 <b>Patient Email:</b> johnsmith@me.com <b>Diagnosis Code(s):</b> R14.0, K58.0	<b>Ordering Provider:</b> Jane Doe, MD <b>Facility:</b> Aurora Health Clinic <b>Street Address:</b> 111 Persnickety Dr, Ste 100 <b>City, State, Zip:</b> Seattle, WA 98117  <b>Physician Phone:</b> (425) 222-3344 <b>Physician Fax:</b> (888) 555-5555	<b>Date Ordered:</b> 11/03/2023 <b>Date Sample Collected:</b> 11/06/2023 <b>Date Samples Received:</b> 11/08/2023 <b>Date Reported:</b> 11/08/2023 <b>Accession Number:</b> 9990001
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RESULTS SUMMARY		
Gas	Patient Result	Positive
Hydrogen (H2)	58	≥20 (SIBO)
Methane (CH4)	2	≥10 (IMO)
<b>TEST RESULT:</b>		
THE PRESENCE OF SIBO IS SUPPORTED		
THE PRESENCE OF IMO IS NOT SUPPORTED		

RESULTS TABLE							
Sample	Time	Location	H2	CH4	H2+CH4	CO2	Sample Valid?
1	0	Small Intestine	2	2	4	3.5	Yes
2	20		3	2	5	3.6	Yes
3	40		2	3	5	3.5	Yes
4	60		12	3	15	3.5	Yes
5	80		35	2	37	3.5	Yes
6	100		60	4	64	3.5	Yes
7	120	Transition	75	5	80	3.6	Yes
8	140	Colon	65	4	69	3.7	Yes
9	160		80	5	85	4.0	Yes
10	180		92	6	98	3.2	Yes



**COMMENTS:**  
 None

**CRITERIA FOR A POSITIVE TEST RESULT:**

SIBO (Small Intestinal Bacterial Overgrowth): Increase in H2 ≥ 20 ppm over the lowest preceding time point within the first 100 min, or IMO (Intestinal Methogen Overgrowth): Increase in CH4 ≥ 10 ppm over the lowest preceding time point within the first 100 min.

\*NOTE: Combined gas values (H2+CH4 in expired air) shown in the third plot are for informational purposes only and are not considered when reporting the test result.

**ANALYSIS CRITERIA:**

% CO2 levels ≥1.4 indicate a valid sample. Samples with % CO2 values <1.4 are not considered valid, not plotted, and are not considered when calculating the result. In each sample, H2 and CH4 concentrations are corrected for CO2 levels to normalize breath samples to varying amounts of exhaled air captured. The 120 min time point corresponds to the period where the substrate should transition (TR) from the small intestine to the colon.

**OTHER CONSIDERATIONS:**

An invalid sample is typically due to improper sample collection by the patient. High baseline gas values may indicate that the diet preparation by the patient was insufficient or incomplete or may be observed in patients with carbohydrate malabsorption.

**DISCLAIMER:**

These standards are guidelines only and must be supplemented with clinical information. As the provider, you are responsible for being aware of clinical factors that may affect the interpretation of the test results and also for ensuring that your interpretation of the test results correlates with the symptomatic observations of the patient in order to make a final diagnosis.