

Small Intestinal Bacterial Overgrowth (SIBO) Report

Glucose Substrate

Patient Name: **Last, First, MI**
 Street Address: 1234 Street
 City, State, ZIP: City, State, 55555
 Gender: M or F
 DOB: 00/00/0000
 Age:

Patient Phone: **555-555-5555**
 Patient Fax: 555-555-5555
 Patient Email: patient@email.com

Accession Number: 1001
 Date Ordered: 3/6/2016
 Date of Service (Collection): 3/16/2016
 Date Received: 3/20/2016
 Date Reported (Final): 3/20/2016
 MR/Chart Number: MR-54321

Physician Name: **Last, First, MI, Salutation**
 Physician NPI Number: 1234567890
 Physician Account Number: 2121
 Physician Address: 1234 Road, Suite 100
 City, State, ZIP: City, State, 54321

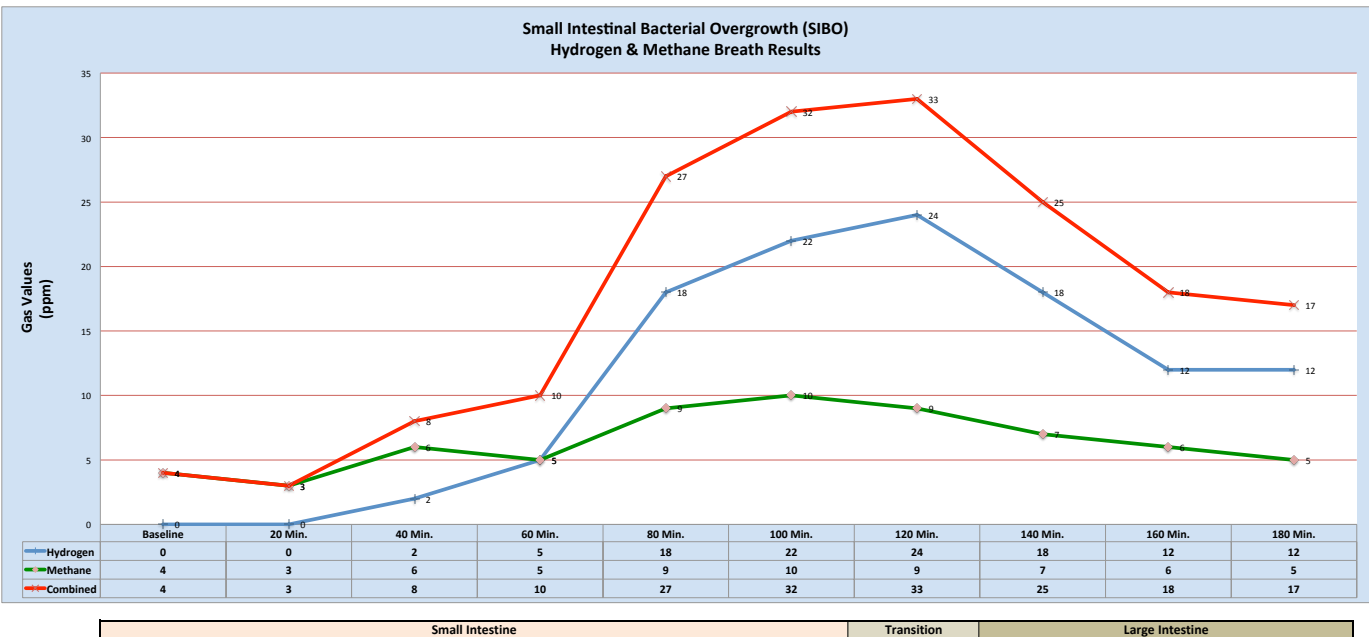
Facility Name: **Company Name or Physician Practice Name**
 Physician Phone: 555-555-5555
 Physician Fax: 555-555-5555
 Physician Email: dr@email.com

SOURCE OF SPECIMEN: 10 timed breath samples
SUBSTRATE USED: Glucose
CLINICAL HISTORY: Not Indicated
CLINICAL IMPRESSIONS: Rule out small intestinal bacterial overgrowth

Summary Report of Hydrogen & Methane Breath Analysis with Carbon Dioxide Correction

Gasses Analyzed:	Patient Result	Expected (Small Intestine only)
Increase in Hydrogen (H ₂) Level:	24 ppm (high)	< 12 ppm
Increase in Methane (CH ₄) Level:	7 ppm (normal)	< 12 ppm (< 3 ppm ²)
Increase in Combined H ₂ & CH ₄ Levels:	31 ppm (high)	< 12 ppm
Analysis of the above data suggests:	Data suggests small intestinal bacterial overgrowth ¹	

Number	Expected Location	Collection Interval	ppm H ₂	ppm CH ₄	Combined	Sample Normalization ¹	
						ppm CO ₂	f CO ₂
1	Small Intestine	Baseline	0	4	4	5.2	1.05
2		20 Min.	0	3	3	4.2	1.30
3		40 Min.	2	6	8	3.9	1.41
4		60 Min.	5	5	10	4.4	1.25
5		80 Min.	18	9	27	4.2	1.30
6		100 Min.	22	10	32	4.4	1.25
7		120 Min.	24	9	33	4.5	1.22
8	Transition	140 Min.	18	7	25	4.1	1.34
9	Large Intestine	160 Min.	12	6	18	4.1	1.34
10		180 Min.	12	5	17	4.0	1.37



Important Information - Please Read:

Breath analysis standards for abnormal tests are suggested if an increase of 12 ppm for Hydrogen (H₂) or 12 ppm for Methane (CH₄), or a combined 12 ppm for Hydrogen (H₂) & Methane (CH₄) is detected. Only the treating clinician is able to determine if there are additional factors that could have a material impact on the results of this analysis. A diagnosis can only be obtained from a medical professional that combines clinical information with the results of this breath analysis. The results of this Hydrogen (H₂) & Methane (CH₄) breath test should be utilized as a guideline only. Aerodiagnostics LLC does not have access to patient clinical information that is critical for a diagnosis determination.

Quality Control:

Aerodiagnostics performs quality control analysis on specimens processed using rigorous standard operating procedures, established in conjunction with the Clinical Laboratory Improvement Amendments (CLIA). Hydrogen (H₂) & Methane (CH₄) breath test values are corrected by Aerodiagnostics state-of-the-art solid state sensor technology & scientific algorithm for Carbon Dioxide (CO₂) content in the samples.

¹ The correction factor, f(CO₂) is used to determine if each sample is valid for analysis. A f(CO₂) close to 1.00 is indicative of a good alveolar sample, while a factor in excess of 4.00 is indicative of a poor sample. ² 3 ppm of CH₄ with reported constipation can be suggestive of small intestinal bacterial overgrowth