Aerodiagnostics LLC
Live A Full Life

Small Intestinal Bacterial Overgrowth (SIBO) Report

Lactulose Substrate

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Patient Name:
Street Address:
City, State, ZIP:
Gender:
DOB:
Age:
Patient Phone:
Patient Mobile:
Patient Email:

Facility Name:
Clinician Name:
Clinician NPI Number:
Clinician Account #:
Clinician Address:
City, State, ZIP:
Clinician Phone:
Clinician Fax:
Clinician Email:

Accession Number:
Date Ordered:
Date of Service (Collection):
Date Received:
Date Reported (Final):
MR/Chart Number:

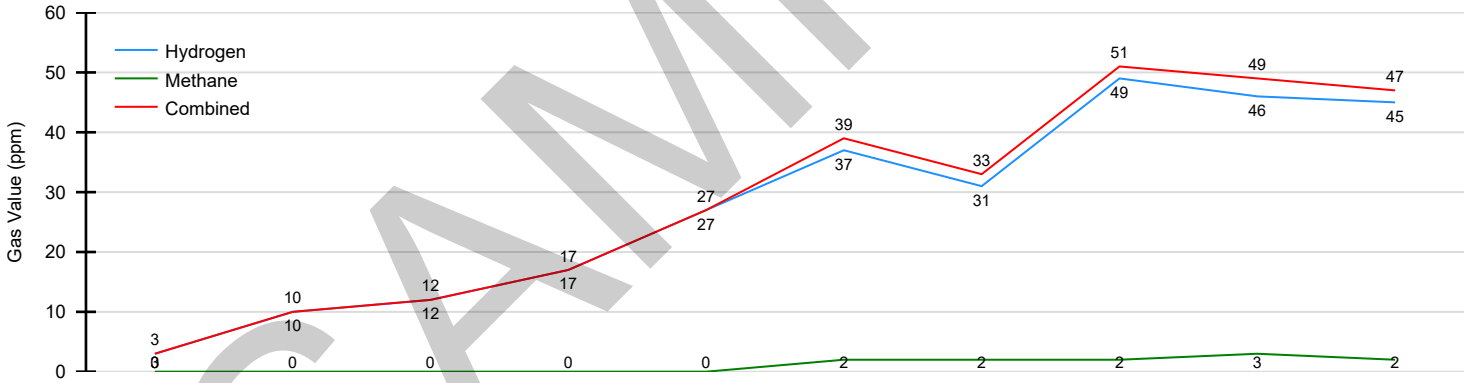
Summary Report of Hydrogen & Methane Breath Analysis with Carbon Dioxide Correction

Gasses Analyzed	Patient Result	Expected
Increase in Hydrogen (H_2)	**34 ppm (high)**	< 20 ppm
Increase in Methane (CH_4)	2 ppm (normal)	< 12 ppm (< 3 ppm[2])
Increase in combined H_2 & CH_4	**36 ppm (high)**	**< 15 ppm[3]**

Analysis of the data suggests	**Bacterial overgrowth is suspected[3]**

Number	Expected Location	Collection Interval	ppm H2	ppm CH4	Combined	Sample Normalization[1] ppm CO2	Sample Normalization[1] fCO2
1	Small Intestine	Baseline	3	0	3	3.4	1.61
2		20 Min.	10	0	10	3.3	1.66
3		40 Min.	12	0	12	3.2	1.71
4		60 Min.	17	0	17	3.5	1.57
5		80 Min.	27	0	27	3.2	1.71
6		100 Min.	37	2	39	3.0	1.83
7	Transition	120 Min.	31	2	33	3.4	1.61
8	Large Intestine	140 Min.	49	2	51	2.9	1.89
9		160 Min.	46	3	49	3.3	1.66
10		180 Min.	45	2	47	2.7	2.03

Small Intestinal Bacterial Overgrowth (SIBO)
Hydrogen & Methane Breath Results



	Baseline	20 Min	40 Min	60 Min	80 Min	100 Min	120 Min	140 Min	160 Min	180 Min
Hydrogen	3	10	12	17	27	37	31	49	46	45
Methane	0	0	0	0	0	2	2	2	3	2
Combined	3	10	12	17	27	39	33	51	49	47
	Small Intestine						Transition	Large Intestine		

Important Information - Please Read:
Breath analysis standards for abnormal tests are suggested if an increase of 20ppm for Hydrogen (H_2), 12ppm for Methane (CH_4), or a combined 15ppm for Hydrogen (H_2) & Methane (CH_4) 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 (H_2) & Methane (CH_4) 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 conjuction with Clinical Laboratory Improvement Amendments (CLIA).
Hydrogen (H_2) & Methane (CH_4) breath test values are corrected by Aerodiagnostics state-of-the-art solid state sensor technology & scientific algorithm for Carbon Dioxide (CO_2) content in the samples.

[1] The correction factor, f(CO_2) is used to determine if each sample is valid for analysis. A f(CO_2) 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 CH_4 with reported constipation may be suggestive of small intestinal bacterial overgrowth.

[3] A combined H_2 + CH_4 increase of 15 ppm or more may be suggestive of small intestinal bacterial overgrowth.