Aerodiagnostics LLC
Live A Full Life

Small Intestinal Bacterial Overgrowth (SIBO) Report

Lactulose Substrate

One Cranberry Hill, Suite 304, Lexington, MA 02421
Tel (617) 608-3832 | Fax (617) 860-6617
Toll Free (844) 681-9449
Lisa M. Cohen, M.D., Laboratory Director

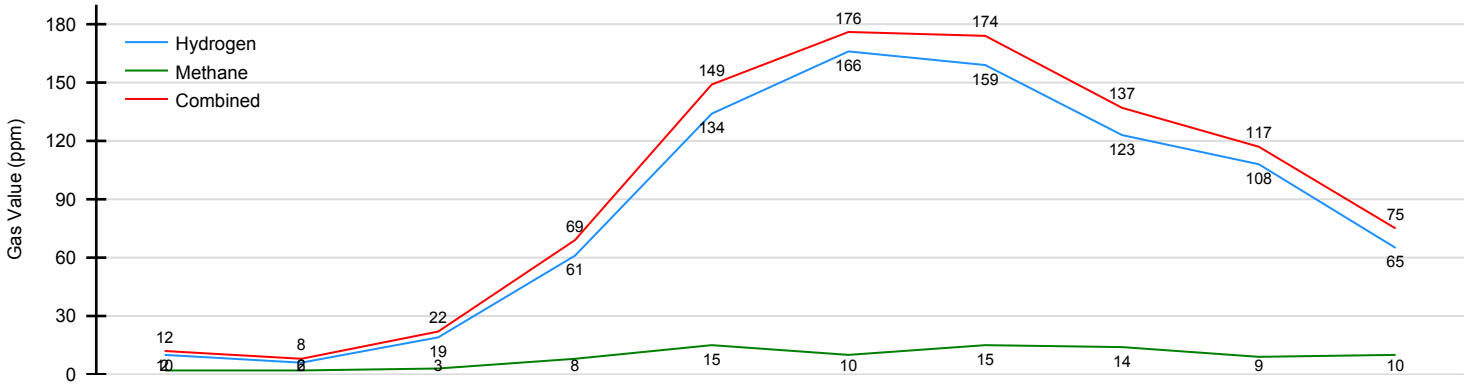
Patient Name:	Facility Name:	
Street Address:	Clinician Name:	
City, State, ZIP:	Clinician NPI Number:	
Gender:	Clinician Account #:	
DOB:	Clinician Address:	Accession Number:
Age:	City, State, ZIP:	Date Ordered:
Patient Phone:	Clinician Phone:	Date of Service (Collection):
Patient Mobile:	Clinician Fax:	Date Received:
Patient Email:	Clinician Email:	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)	**160 ppm (high)**	< 20 ppm
Increase in Methane (CH_4)	**13 ppm (high)**	**< 12 ppm (< 3 ppm[2])**
Increase in combined H_2 & CH_4	**173 ppm (high)**	**< 15 ppm[3]**
Analysis of the data suggests	**Bacterial overgrowth is suspected[2,3]**	

Number	Expected Location	Collection Interval	ppm H2	ppm CH4	Combined	Sample Normalization[1] ppm CO2	Sample Normalization[1] fCO2
1	Small Intestine	Baseline	10	2	12	2.8	1.96
2		20 Min.	6	2	8	3.5	1.57
3		40 Min.	19	3	22	3.5	1.57
4		60 Min.	61	8	69	3.5	1.57
5		80 Min.	134	15	149	2.9	1.89
6		100 Min.	166	10	176	3.3	1.66
7	Transition	120 Min.	159	15	174	3.3	1.66
8	Large Intestine	140 Min.	123	14	137	3.2	1.71
9		160 Min.	108	9	117	3.1	1.77
10		180 Min.	65	10	75	3.3	1.66

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	10	6	19	61	134	166	159	123	108	65
Methane	2	2	3	8	15	10	15	14	9	10
Combined	12	8	22	69	149	176	174	137	117	75
	Small Intestine						Transition	Large Intestine		

Important Information - Please Read:
Breath analysis standards for abnormal tests are suggested if an increase of 20ppm for Hydrogren (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 Hydrogren (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).
Hydrogren (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.