

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:

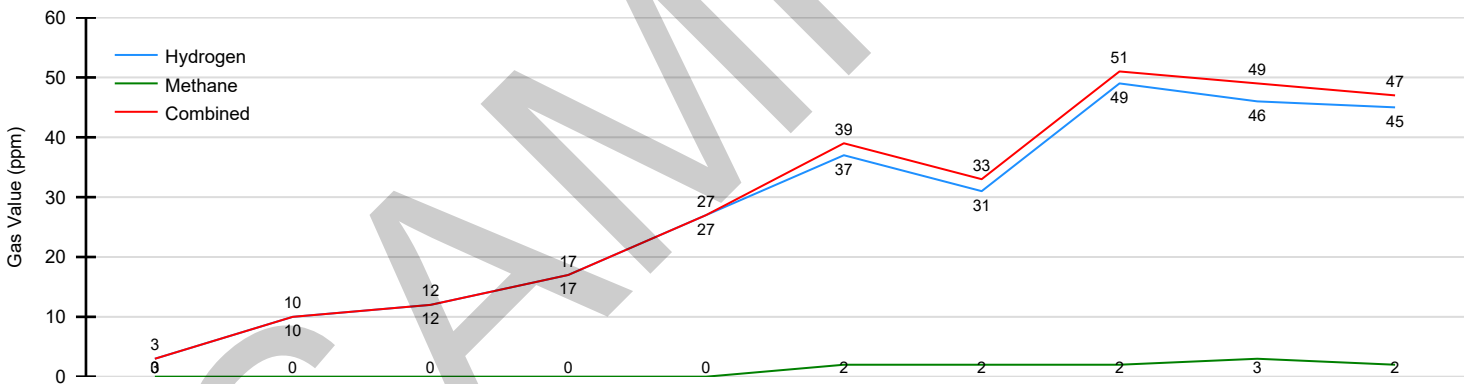
Summary Report of Hydrogen & Methane Breath Analysis with Carbon Dioxide Correction

Gasses Analyzed	Patient Result	Expected
Increase in Hydrogen (H ₂)	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
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Number	Expected Location	Collection Interval	ppm H ₂	ppm CH ₄	Combined	Sample Normalization ¹	
						ppm CO ₂	fCO ₂
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 (H₂), 12ppm for Methane (CH₄), or a combined 15ppm 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 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 may be suggestive of small intestinal bacterial overgrowth.

³ A combined H₂ + CH₄ increase of 15 ppm or more may be suggestive of small intestinal bacterial overgrowth.