

Patient Name:

Facility Name:

Street Address:

Clinician Name:

City, State, ZIP:

Clinician NPI Number:

Gender:

Clinician Account #:

DOB:

Clinician Address:

Age:

City, State, ZIP:

Accession Number:

Date Ordered:

Date of Service (Collection):

Patient Phone:

Clinician Phone:

Date Received:

Patient Mobile:

Clinician Fax:

Date Reported (Final):

Patient Email:

Clinician Email:

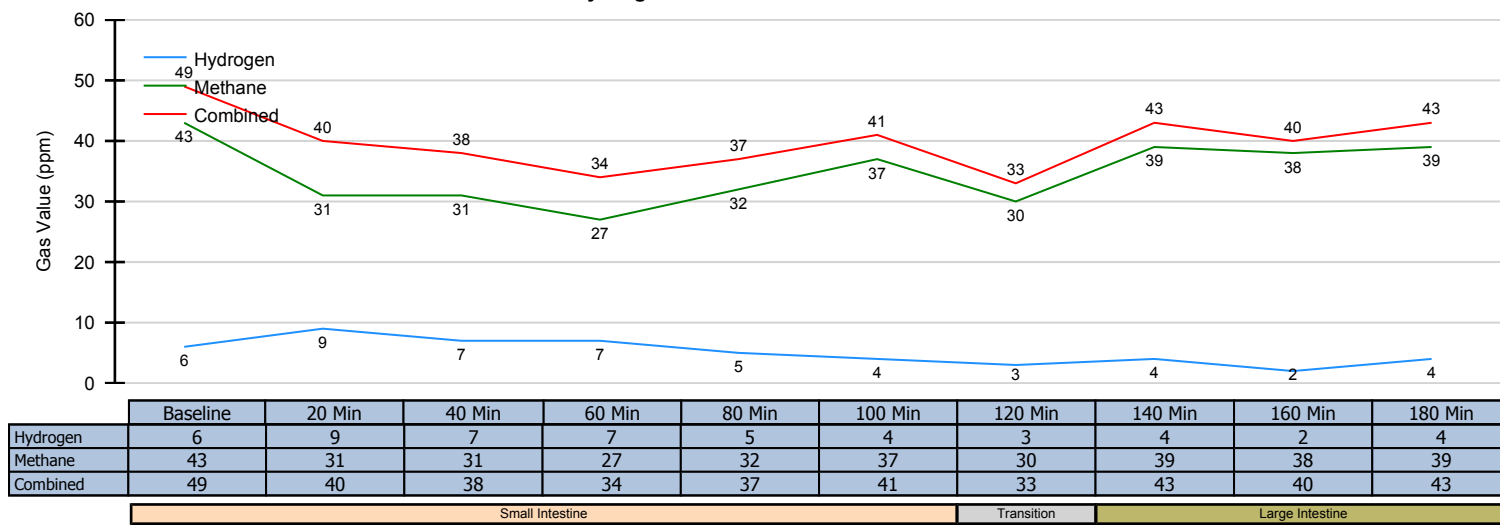
MR/Chart Number:

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

Gasses Analyzed	Patient Result	Expected
Increase in Hydrogen (H ₂)	3 ppm (normal)	< 12 ppm
Increase in Methane (CH ₄)	10 ppm (normal)	< 12 ppm (< 3 ppm ²)
Increase in combined H ₂ & CH ₄	13 ppm (high)	< 12 ppm ³

Analysis of the data suggests	Bacterial overgrowth is suspected ^{2,3,4}
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							Sample Normalization ¹	
Number	Expected Location	Collection Interval	ppm H ₂	ppm CH ₄	Combined	ppm CO ₂	fCO ₂	
1	Small Intestine	Baseline	6	43	49	3.6	1.52	
2		20 Min.	9	31	40	4.2	1.30	
3		40 Min.	7	31	38	3.7	1.48	
4		60 Min.	7	27	34	4.0	1.37	
5		80 Min.	5	32	37	4.1	1.34	
6		100 Min.	4	37	41	4.3	1.27	
7	Transition	120 Min.	3	30	33	3.6	1.52	
8	Large Intestine	140 Min.	4	39	43	4.5	1.22	
9		160 Min.	2	38	40	4.5	1.22	
10		180 Min.	4	39	43	3.8	1.44	

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

Important Information - Please Read:

Breath analysis standards for abnormal tests are suggested if an increase of 12ppm for Hydrogen (H₂), 12ppm for Methane (CH₄), or a combined 12ppm 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 12 ppm or more may be suggestive of small intestinal bacterial overgrowth.

⁴ Elevated and sustained H₂ and/or CH₄ levels may be suggestive of small intestinal bacterial overgrowth.