



Small Intestinal Bacterial Overgrowth/Intestinal Methanogen Overgrowth (SIBO/IMO) Report

Substrate: Lactulose

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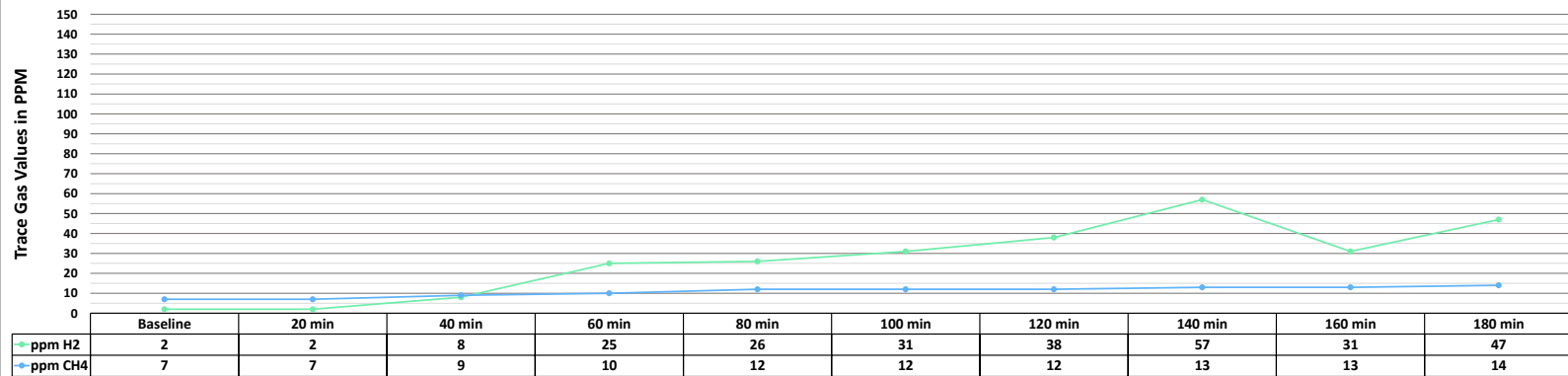
Laboratory Director: Mehul Ganatra

Patient Name:		Accession Number:	
Street Address:		Date of Service (Collection):	
City, State, ZIP:		Date of Analysis:	
DOB:		Facility:	AllClear Healthcare
Ordering Provider		CLIA Number:	22D2218282

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

			Sample Normalization ¹						
Gasses Analyzed	Patient Result	Expected	Time	Sample Number	Collection Interval	ppm H ₂	ppm CH ₄	ppm CO ₂	fCO ₂
Increase in Hydrogen (H ₂)	55 ppm	< 20 ppm	7:30AM	1	Baseline	2	7	9.40	0.59
			7:50AM	2	20 min	2	7	9.80	0.57
Level of Methane (CH ₄)	14 ppm	< 10 ppm	8:12AM	3	40 min	8	9	8.90	0.62
			8:32AM	4	60 min	25	10	10.00	0.55
			8:52AM	5	80 min	26	12	8.70	0.64
Analysis of H ₂ Data Suggests:	Bacterial Overgrowth is Suggested								
			9:12AM	6	100 min	31	12	8.70	0.64
			9:32AM	7	120 min	38	12	9.60	0.58
Analysis of CH ₄ Data Suggests:	Methanogen Overgrowth is Suggested								
			9:52AM	8	140 min	57	13	10.40	0.53
			10:12AM	9	160 min	31	13	8.20	0.68
			10:32AM	10	180 min	47	14	8.90	0.62

Graphical Representation



Important Information - Please Read:

- AllClear Healthcare generally utilizes an increase of 20 ppm for hydrogen (H₂) or more within the first 90 minutes of the breath test for a diagnosis of SIBO, whereas any (preferably not the baseline) value of 10 ppm for methane (CH₄) or higher throughout the 180 minute breath test is diagnostic of Intestinal Methanogen Overgrowth (IMO).
- Only the treating clinician can assess if there are additional factors that could have a material impact on the results of this analysis, including sample collection intervals.
- 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.

*For tests using Lactulose as a substrate: Lactulose typically enters the large intestine between 90-120min; therefore, it is normal for gas levels to increase between 90-120 min and to stay elevated as the bacteria in the colon begin to ferment the lactulose, but this is not necessarily indicative of a positive result.

AllClear Healthcare LLC does not have access to patient clinical information that is critical for a diagnosis determination.

Quality Control:

AllClear Healthcare performs quality control analysis on specimens processed using rigorous standard operating procedures, established in conjunction with Clinical Laboratory Improvement Amendments (CLIA). AllClear SIBO test results are reported in accordance with manufacturer instructions. Hydrogen (H₂) & Methane (CH₄) breath test values are corrected by AllClear Healthcare's 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.