



• GET TO THE ROOT CAUSE •

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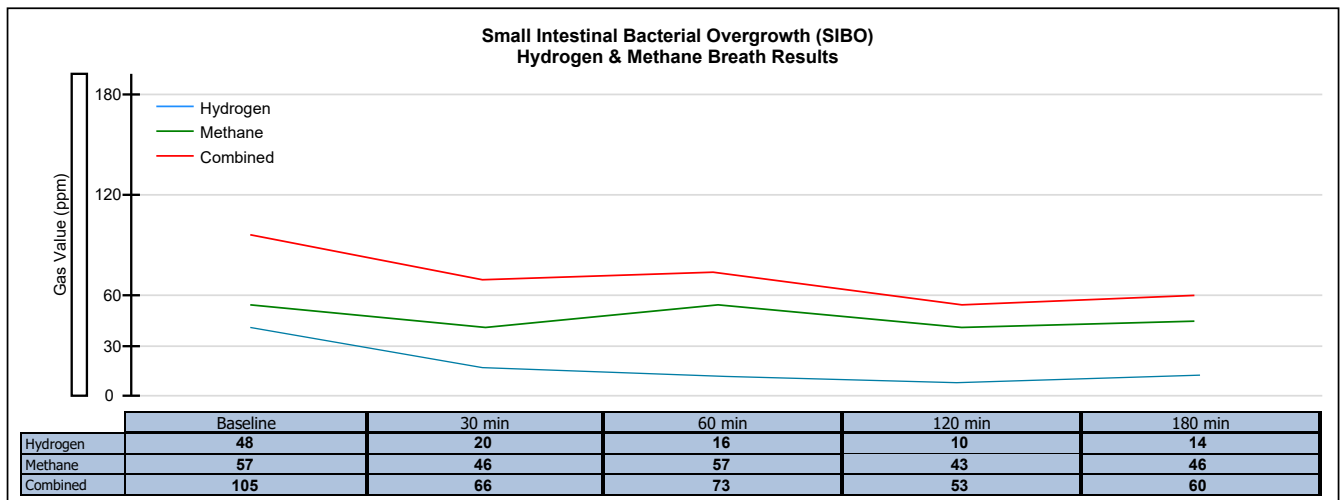
PATIENT:		TEST REF:
TEST NUMBER:	COLLECTED:	PRACTITIONER: ADDRESS:
PATIENT NUMBER:	RECEIVED:	
GENDER:	TESTED:	
AGE:		
DATE OF BIRTH:		

TEST NAME Small Intestinal Bacterial Overgrowth (SIBO)

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

Gasses Analyzed	Patient Result	Expected
Increase in Hydrogen (H ₂)		< 20 ppm
Increase in Methane (CH ₄)		< 12 ppm (< 3 ppm ²)
Increase in combined H ₂ & CH ₄		< 15 ppm ³
Analysis of the data suggests		

Number	Collection Interval	ppm H ₂	ppm CH ₄	Combined
1	Baseline	48	57	105
2	30 Min.	20	46	66
3	60 Min.	16	57	73
4	120 Min.	10	43	53
5	180 Min.	14	46	60



Important Information - Please Read:

Under physiological conditions, after the consumption of the test carbohydrate, there should be no increase in the concentration of hydrogen and methane in the exhaled air, nor should there be any complaints from the digestive system. Individual measurement values fluctuate in physiological conditions within +/- 5 ppm from the initial (zero) value. Patients suffering from carbohydrate intolerance show a significant increase in the concentration of hydrogen and methane in the inhaled air. An increase in the concentration of hydrogen by 20 ppm and methane by more than 12 ppm above the baseline value is interpreted as a pathological result. In the case of malabsorption of carbohydrates, such an increase is observed after the first 60 minutes, but most often after 90 minutes. If a significant increase in hydrogen and methane in the inhaled air occurs earlier than after 60 minutes, this result can be interpreted as the presence of abnormal microbiota in the small intestine. Currently, abdominal complaints during the test are also reported, which, despite normal values of hydrogen and methane in the inhaled air, may indicate intolerance to certain carbohydrates.

Consult your doctor or specialist for an interpretation of the result.

Quality Control

The laboratory 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 the performing laboratory's state-of-the-art solid state sensor technology.

¹ 3 ppm of CH₄ with reported constipation may be suggestive of small intestinal bacterial overgrowth.

² A combined H₂ + CH₄ increase of 15 ppm or more may be suggestive of small intestinal bacterial overgrowth.

³ Elevated and sustained H₂ and/or CH₄ levels may be suggestive of small intestinal bacterial overgrowth.



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