



Type of Test Performed: Lactulose
Patient Name:
Date Samples Collected: 25-Jan-17
Date of Analysis: 27-Jan-17
Practitioner: Matthew Douglas

Sample	Sample #	ppm H2	ppm CH4	Combined	CO2 %
Control	1	3	11	14	4.10
20 min	2	3	7	10	3.90
40 min	3	1	7	8	3.90
60 min	4	6	11	17	3.50
80 min	5	26	12	38	4.00
100 min	6	51	17	68	3.90
120 min	7	66	19	85	3.40
140 min	8	68	18	86	3.90
160 min	9	69	16	85	3.90
180 min	10	40	15	55	3.60

Hydrogen (H₂) and Methane (CH₄) values corrections are based on CO₂ content in the samples. CO₂ is not used for diagnosis, only for quality assurance of samples.

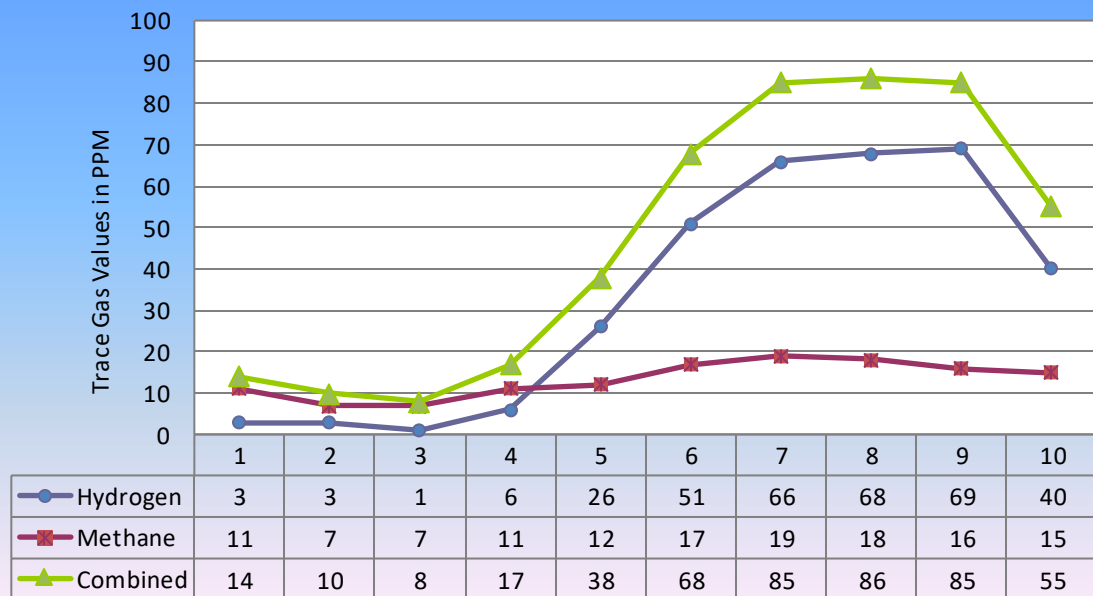
*Correction is based on contamination with room air or bronchial deadspace air, typically good samples are around 5.5% CO₂. Poor samples are typically below 1.5%. If a sample is considered "poor" the charted result cannot be determined accurately due to contamination of the sample. This does not mean the test is inconclusive in all cases.

According to the current reference ranges your test result is:
SIBO suspected - consult with your practitioner

NOTES:

Evidence of small intestinal fermentation.

Graphical Representation



Reference Ranging:

- **In the first two hours (120 minutes)**
- **Glucose:** rise of 12ppm in hydrogen or methane is considered positive
- **Lactulose:**
 - Hydrogen: 20 ppm
 - Hydrogen: 20ppm within 140 minutes with constipation (infrequent)
 - Combined: rise of 15ppm
- **Within 3 hours (anytime during the test)**
 - Methane: 3ppm with constipation
 - High baseline that stays high >12ppm = positive
 - High baseline that plummets = improper prep diet