

# COMMONWEALTH LABORATORIES, INC.

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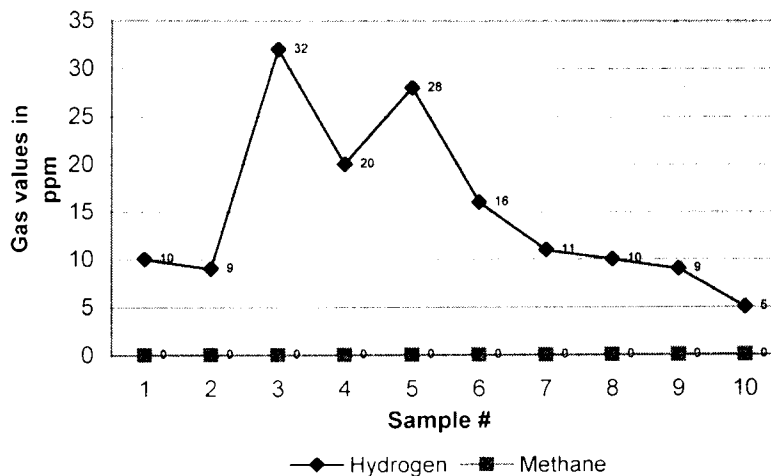
Louis J. Traficante, Ph.D., DABFT  
Laboratory Director

## BACTERIAL OVERGROWTH REPORT SHEET

Patient Name..... **DOE, JAMES M.**  
 Patient Number..... **76767**  
 Date of Birth..... **8/5/1971**  
 Doctor..... **R. Physician, MD**  
 Address..... **Northland, CA**  
 Date Samples Collected..... **4/5/2009**  
 Date of Assay..... **4/6/2009**

Sample time	Sample #	ppm H <sub>2</sub>	ppm CH <sub>4</sub>	(f) CO <sub>2</sub>
Control	1	10	0	1.25
20 min.	2	9	0	1.58
40 min.	3	32	0	1.58
60 min.	4	20	0	1.41
80 min.	5	28	0	1.48
100 min.	6	16	0	1.62
120 min.	7	11	0	1.63
140 min.	8	10	0	1.61
160 min.	9	9	0	1.51
180 min.	10	5	0	1.62

**RESULTS CHART**



QuinTron standards for an abnormal test: Biphasic pattern with an increase of 20 ppm or more of hydrogen and/or methane within the first 2 hours, followed by a second larger peak after 2 hours. The peaks may merge to form 1 early peak.

*These standards are guidelines only. For diagnosis, this information must be supplemented with clinical information that is unavailable to the laboratory.*

### SUMMARY OF 2 HOUR RESULTS:

**Peak Hydrogen Production:** 23 ppm  
**Peak Methane Production:** 0 ppm  
**Peak Combined H<sub>2</sub> and CH<sub>4</sub> Production:** 23 ppm

**BASED ON THIS STUDY BACTERIAL OVERGROWTH IS SUSPECTED.\***

*\*As the physician, you are responsible for being aware of clinical factors that may affect the interpretation of this test for your patient.*

*Do not rely on absolute values to make a diagnosis. The pattern of gas production along with clinical factors must be considered when making a diagnosis.*

Hydrogen (H<sub>2</sub>) and Methane (CH<sub>4</sub>) values are corrected for CO<sub>2</sub> content in the samples. The f(CO<sub>2</sub>) is the correction factor; this value, when close to 1.00, indicates a good alveolar sample. A correction factor over 4.00 indicates a poor sample.