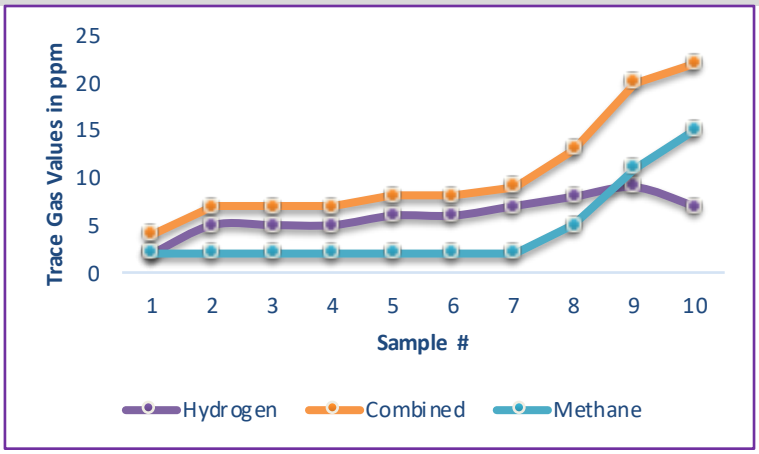
SMALL INTESTINAL BACTERIAL OVERGROWTH REPORT

3-hr LACTULOSE Breath Test

Sinai Health/University Health Network
600 University Avenue
Toronto, Ontario M5G 1X5

Patient Name:	**SAMPLE PATIENT**		**DOB:** 5-01-87
ICL #:	**90000000**		**Gender:** Male
Sample Collection Date:	7-03-20	Sample Received Date 7-13-20	
Sample Reported:	7-14-20		

SIBO Breath Test Results



Sample Analysis Chart

Interval	Sample #	ppm H2	ppm CH4	Combined
baseline	1	2	2	4
20 min	2	5	2	7
40 min	3	5	2	7
60 min	4	5	2	7
80 min	5	6	2	8
100 min	6	6	2	8
120 min	7	7	2	9
140 min	8	8	5	13
160 min	9	9	11	20
180 min	10	7	15	22

**samples are corrected for C02 to account for any variation in sample collection. Unless otherwise specified, samples are acceptable.*

Summary of Patient Results

Trace Gas Markers	Expected Result (ppm)	Patient Result (ppm)	Interpretation
Baseline Hydrogen	< 20	2	Normal
Peak Methane	< 3	2	Normal
Greatest H2 rise over lowest previous value	< 20	5	Normal
Greatest CH4 rise over lowest previous value	< 12	0	Normal
Greatest rise in the combined sum over the lowest preceding sum	< 15	5	Normal

Overall Assessment

NORMAL

No evidence of SIBO

See page 2 for asisstance with interpretation

SMALL INTESTINAL BACTERIAL OVERGROWTH REPORT

3-hr LACTULOSE Breath Test

Sinai Health/University Health Network
600 University Avenue
Toronto, Ontario M5G 1X5

Patient Name:	SAMPLE PATIENT
ICL #:	90000000
INTERPRETATION:	**There is no evidence of small bacterial overgrowth in this patient.**

Interpretative Guidelines for Practitioners

PEAK METHANE: a methane gas of greater than or equal to 3ppm may be caused by methanogen overgrowth. Studies demonstrate a relationship between methane production and constipation-predominant IBS.

ELEVATED METHANE: an increase in methane gas of greater than or equal to 12 AFTER consumption of the lactulose substrate, may indicate bacterial overgrowth.

ELEVATED HYDROGEN: an increase of hydrogen gas of greater than or equal to 20 ppm AFTER consumption of the lactulose substrate, may indicate bacterial overgrowth.

ELEVATED COMBINED METHANE AND HYDROGEN: an increase in the sum of hydrogen and methane gas of greater than or equal to 15 AFTER consumption of the lactulose substrate, may indicate bacterial overgrowth.

REFERENCES

1.Rezai A, Buresi M, et al. Hydrogen and Methane-Based Breath Testing in Gastrointestinal Disorders: The North American Consensus; 2017 May;112(5):775-784.doi: 10.1038/ajg.2017.46. Epub 2017 Mar 21.

2.Quintron Breath Tests; www.breathtests.com

3.Saad RJ, Chey WD. Breath Testing for Small Intestinal Bacterial Overgrowth. Clinical Gastroenterology and Hepatology. 2014;2:1972