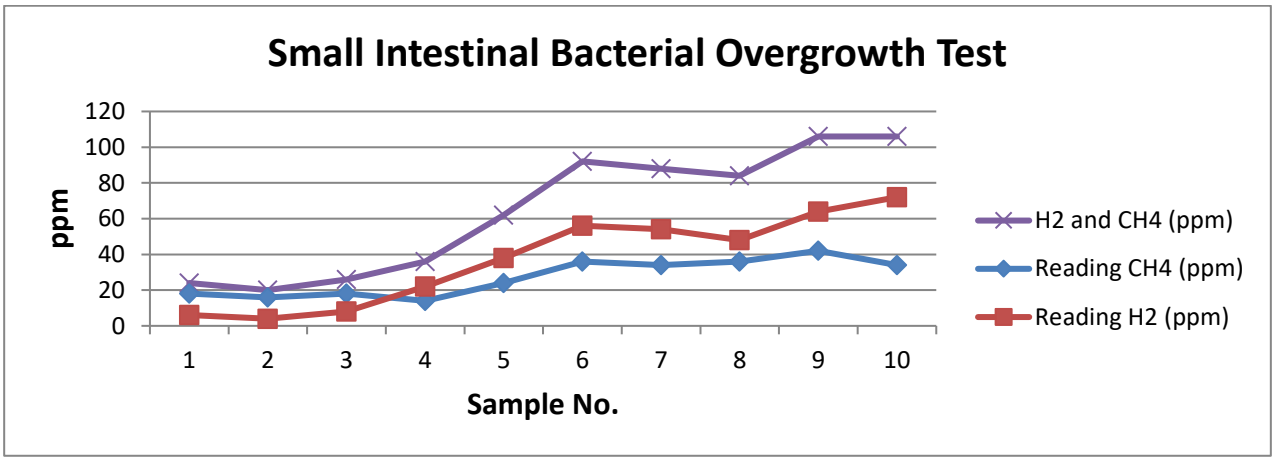
GastroLife

Hydrogen, Methane and Helicobacter Pylori Breath Testing Clinic

GastroLife Hydrogen & Methane Breath Test Report

Patient Details		Test Details	
Patient	Joe Bloggs	**Test**	Lactulose Small Intestinal Bacterial Overgrowth
D.O.B	10/08/1982	**Date**	01/09/2018
Address	1234 Sample Address Sample Road Sample City Sample County A12 4571	**Result**	Hydrogen Positive and Methane Positive
		Notes	Hydrogen and Methane measurements over LPV above reference range observed within 100 minutes.



Sample No.	Interval (mins)	Reading H_2 (ppm)	Reading CH_4 (ppm)	H_2 and CH_4 (ppm)	% O_2	H_2 rise over LPV (ppm)	CH_4 rise over LPV (ppm)	Measurement Zones
1	0	6	18	24	14.5	6	18	Baseline
2	20	4	16	20	14.4	0	0	Small Intestinal Measurements Zone
3	40	8	18	26	14.1	4	2	
4	60	22	14	36	14.3	18	0	
5	80	38	24	62	14.2	34	10	
6	100	56	36	92	14.2	52	22	
7	120	54	34	88	14.4	50	20	Transition Zone
8	140	48	36	84	14.5	44	22	Large Intestinal Measurements Zone
9	160	64	42	106	14	60	28	
10	180	72	34	106	14.5	68	20	

Max Rise over LPV (ppm)	Result
Hydrogen H_2 (ppm)	52
Methane CH_4 (ppm)	22
Combined H_2 & CH_4 (ppm)	74

Reference Range	
Hydrogen (H_2) Positive	Lactulose ≥ 20ppm rise over lowest preceding value (LPV) by 100 minutes Levels between 100-120 minutes are considered borderline
	Glucose ≥ 12ppm rise over LPV
Methane (CH_4) Positive	Lactulose ≥ 12ppm rise over LPV by 100 minutes Levels between 100-120 minutes are considered borderline
	Glucose ≥ 12ppm rise over LPV
Combined (H_2 & CH_4) Hydrogen & Methane Positive	Lactulose ≥ 15ppm rise over LPV by 100 minutes Levels between 100-120 minutes are considered borderline
	Glucose ≥ 12ppm rise over LPV

O_2 measurements are not used for diagnosis, only for quality assurance of samples. A rise of 12ppm of methane in the first 100 minutes is required for a positive Lactulose SIBO measurement, however methane measurements greater than 10ppm can be considered positive for methane and can be correlated to IBS-C if constipation is present. Please consult with your medical practitioner.

This is a sample report for a Lactulose SIBO Breath test.

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