Viva Health Laboratories

New Lodge, Drift Road
Winkfield, Windsor, SL4 4RR
Phone: 01753 981698 ex 5002

Patient Results Report

Small Intestinal Bacterial Overgrowth (SIBO) Report

Customer ID:
Customer Address:

Requester/Doctor:

Patient Name:
Date of Birth:
Sample ID:

Collection date:
Received date:
Answer report date:

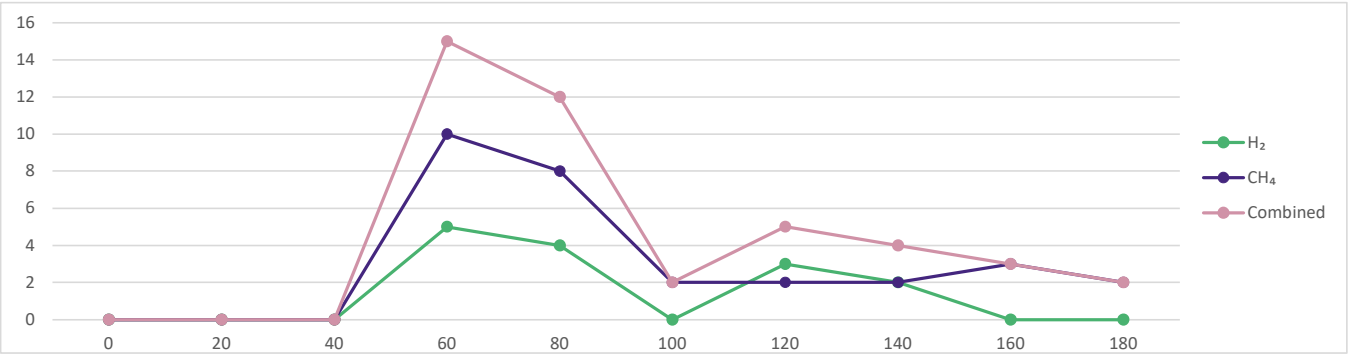
Summary Report of Hydrogen and Methane Breath Analysis with Carbon Dioxide Correction

Gases Analysed	Patient Result 0 - 120 mins	Expected Values 0 - 120 mins
Increase in Hydrogen (H_2)	5	< 20
Increase in Methane (CH_4)	10	< 12
Increase in Combined H_2 & CH_4	15	< 15

Analysis of data suggests:
Results indicate small intestinal bacterial overgrowth

Small Intestinal Bacterial Overgrowth (SIBO) Hydrogen and Methane Breath Results

Number	Expected Location	Interval	ppm H_2	ppm CH_4	Combined	ppm CO_2	fCO_2[1]
1	Small Intestine	Baseline	0	0	0	4	1.38
2		20 min	0	0	0	5.50	1.00
3		40 min	0	0	0.00	4.5	1.22
4		60 min	5	10	15	5	1.10
5		80 min	569	8	12	6	0.92
6		100 min	0	2	2	5	1.10
7	Transition	120 min	3	2	5	5	1.10
8	Large Intestine	140 min	2	2	4	5	1.10
9		160 min	0	3	3	5	1.10
10		180 min	0	2	2	4.4	1.25



Time (Min)	0	20	40	60	80	100	120	140	160	180
H_2	0	0	0	5	4	0	3	2	0	0
CH_4	0	0	0	10	8	2	2	2	3	2
Combined	0	0	0	15	12	2	5	4	3	2
CO_2 (%)	4	5.5	4.5	5	6	5	5	5	5	4.4
fCO_2[1]	1.38	1.00	1.22	1.10	0.92	1.10	1.10	1.10	1.10	1.25

[1]CO2 Correction factor is a relative indicator for quality of the alveolar breath sample collected, where the closer to 1 the correction factor is, the greater the concentration of breath. All reported results fall within acceptable breath CO2 levels.

[2]12 ppm of CH4 with clinicial details of constipation may be suggestive of small intestinal bacterial overgrowth.

[3]An increase in combined Hydrogen (H_2) and Methane (CH_4)of 15ppm or more may be suggestive of small intestinal bacterial overgrowth.

Drossman, DA. The functional gastrointestinal disorders and Rome III process. In: Drossman DA, Corazziari E, Delvaux M, Spiller R, Talley NJ, Thompson WG, et. al., eds. Rome III: The Functional Gastrointestinal Disorders. 3rd ed. McLean VA: Degnon Associates; 2006: 1-30.

Drossman DA. The functional gastrointestinal disorders and the Rome III process. Gastroenterology. 2006; 130: 1377-90.