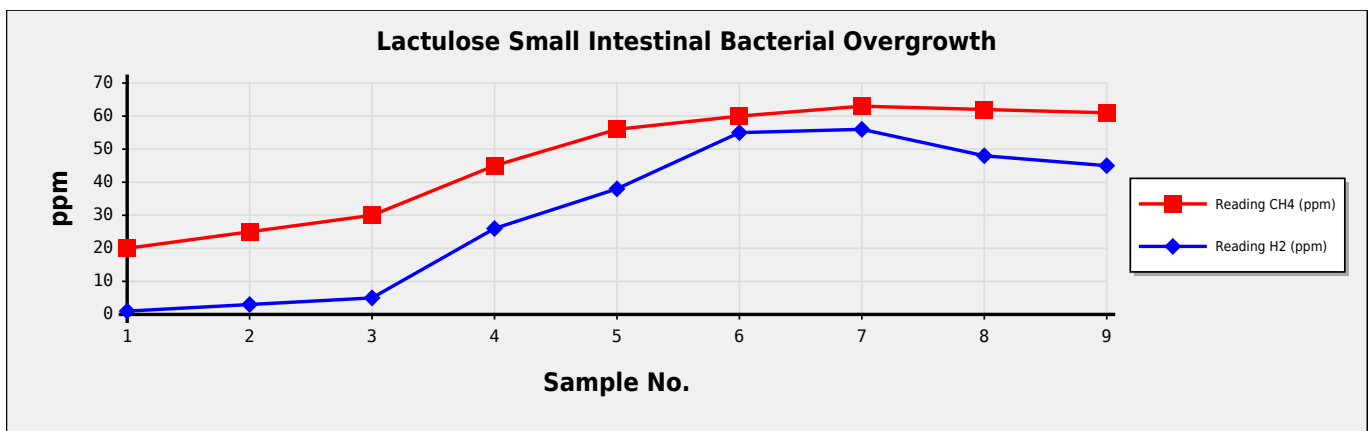




## GastroLife Hydrogen & Methane Breath Test Report

Patient Details		Test Details	
<b>Patient</b>	Mary The Patient	<b>Test</b>	Lactulose Small Intestinal Bacterial Overgrowth
<b>D.O.B</b>	14/10/1975	<b>Date</b>	29/10/2021
<b>Address</b>	Sample Address1 Sample Address2 Sample Address3 Co. Dublin Eircode	<b>Result</b>	SIBO suspected. Evidence of Methanogenesis
		<b>Notes</b>	No previous GastroLife SIBO investigation. Rise in Hydrogen measurements $\geq$ 20ppm over baseline observed within 90 minutes. Elevated Methane measurements observed from onset, suggestive of methanogenesis.



Sample No.	Interval (mins)	Reading H2 (ppm)	Reading CH4 (ppm)	% O2	H2 rise over Baseline (ppm)	CH4 rise over Baseline (ppm)	Measurement Zones
1	0	1	20	14.6	1	20	Baseline
2	30	3	25	14.2	2	5	Small Intestinal Measurement Zone
3	45	5	30	14.2	4	10	Small Intestinal Measurement Zone
4	60	26	45	14.5	25	25	Small Intestinal Measurement Zone
5	75	38	56	14.4	37	36	Small Intestinal Measurement Zone
6	90	55	60	14.2	54	40	Small Intestinal Measurement Zone
7	120	56	63	14.2	55	43	Large Intestinal Measurement Zone
8	150	48	62	14.4	47	42	Large Intestinal Measurement Zone
9	180	45	61	14.2	44	41	Large Intestinal Measurement Zone

Max Rise over Baseline (ppm)	Result
Hydrogen H2(ppm)	54
Methane CH4(ppm)	40

Reference Range	
<b>Hydrogen (H2)</b>	Lactulose - $\geq$ 20ppm rise over baseline within 90 minutes is considered positive for SIBO Glucose - $\geq$ 20ppm rise over baseline within 120 minutes is considered positive for SIBO
<b>Methane (CH4)</b>	$\geq$ 10ppm at baseline or any point during the test is considered positive for methanogenesis

O2 measurements are not used for diagnosis, only for quality assurance of samples.

\* Reporting in accordance with the Association of Gastrointestinal Physiology (AGIP), British Society of Gastroenterology (BSG), 'AGIP Best Practice Statement for HMBT', June 2019.