



Patient: **FEMALE**
TEST

Order Number:
Completed: September 21, 2017
Received: September 21, 2017
Collected: September 21, 2017

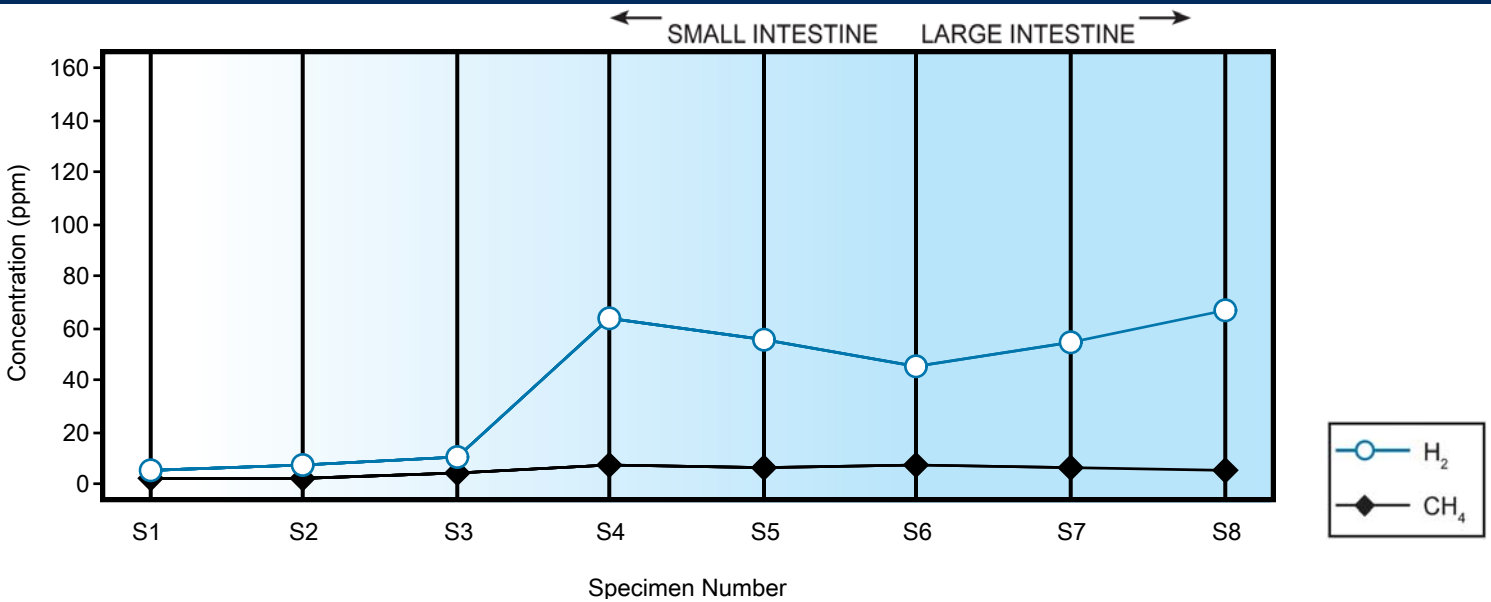
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SAMPLE REPORT

2337 Small Intestinal Bacterial Overgrowth (SIBO) 3 Hour - Breath

Methodology: GC-TDC/SSS

Hydrogen (H₂) and Methane (CH₄) Breath Gases



Hydrogen (H₂), Methane (CH₄) and Carbon Dioxide (CO₂) (ppm)

	Baseline 0 min (S1)	20 min (S2)	40 min (S3)	60 min (S4)	90 min (S5)	120 min (S6)	150 min (S7)	180 min (S8)
H ₂	5	7	10	63	55	45	54	66
CH ₄	2	2	4	7	6	7	6	5
H ₂ + CH ₄	7	9	14	70	61	52	60	71
CO ₂ **	✓	✓	✓	✓	✓	✓	✓	✓
Actual Collection Times								
Actual Time	7:20	7:40	8:00	8:20	8:50	9:20	9:50	10:20
Actual Interval	0 min	20 min	40 min	60 min	90 min	120 min	150 min	180 min

**CO₂ is measured for quality assurance. ✓ indicates the CO₂ level is acceptable. ✗ indicates room air contamination exceeding acceptable limits.

Evaluation for Hydrogen (H₂)

Hydrogen increase over baseline by 90 minutes

Result	Expected Value
Change in H ₂ 58 H	<20 ppm

A rise of ≥ 20 ppm from baseline in hydrogen by 90 min should be considered a positive test to suggest the presence of SIBO.

Evaluation for Methane (CH₄)

Peak methane level at any point

Result	Expected Value
CH ₄ Peak 7	<10 ppm

A peak methane level ≥ 10 ppm at any point is indicative of a methane-positive result.