Aerodiagnostics LLC
Live A Full Life

# Lactose Intolerance Report

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Patient Name:
Street Address:
City, State, ZIP:
Gender:
DOB:

Age:
Patient Phone:
Patient Mobile:
Patient Email:

Facility Name:
Clinician Name:
Clinician NPI Number:
Clinician Account #:
Clinician Address:

City, State, ZIP:
Clinician Phone:
Clinician Fax:
Clinician Email:

Accession Number:

Date Ordered:
Date of Service (Collection):
Date Received:
Date Reported (Final):
MR/Chart Number:

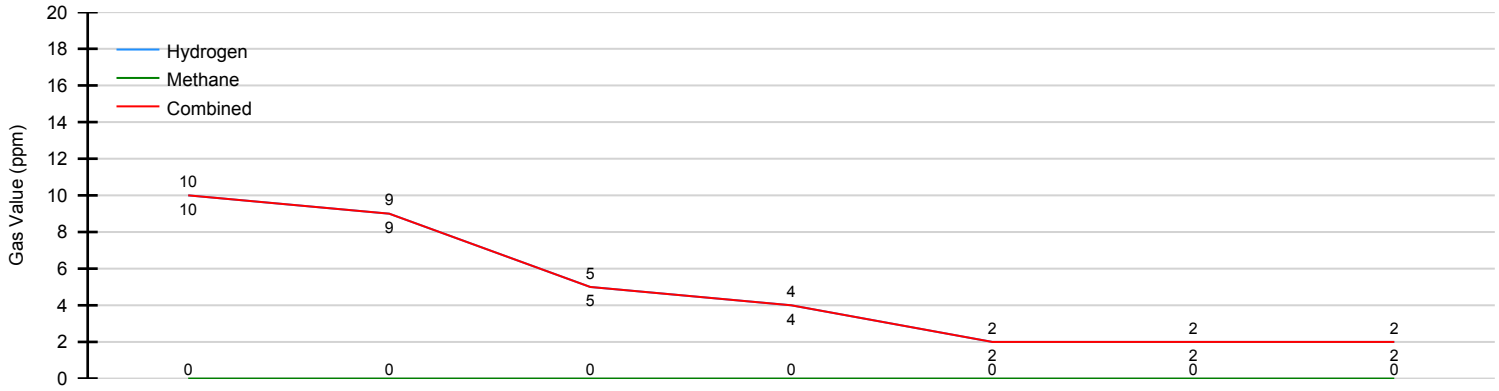
## Summary Report of Hydrogen & Methane Breath Analysis with Carbon Dioxide Correction

| Gasses Analyzed | Patient Result | Expected |
|---|---|---|
| **Increase in Hydrogen ($H_2$)** | 0 ppm (normal) | < 20 ppm |
| **Increase in Methane ($CH_4$)** | 0 ppm (normal) | < 12 ppm |
| **Increase in combined $H_2$ & $CH_4$** | 0 ppm (normal) | < 15 ppm[3] |

| **Analysis of the data suggests** | Lactose intolerance is not suspected |
|---|---|

| | | | | | Sample Normalization[1] | |
|---|---|---|---|---|---|---|
| Number | Collection Interval | ppm H2 | ppm CH4 | Combined | ppm CO2 | fCO2 |
| 1 | Baseline | 10 | 0 | 10 | 3.3 | 1.66 |
| 2 | 30 Min. | 9 | 0 | 9 | 3.5 | 1.57 |
| 3 | 60 Min. | 5 | 0 | 5 | 3.3 | 1.66 |
| 4 | 90 Min. | 4 | 0 | 4 | 3.0 | 1.83 |
| 5 | 120 Min. | 2 | 0 | 2 | 3.6 | 1.52 |
| 6 | 150 Min. | 2 | 0 | 2 | 3.6 | 1.52 |
| 7 | 180 Min. | 2 | 0 | 2 | 2.3 | 2.39 |

## Lactose Intolerance




| | Baseline | 30 Min | 60 Min | 90 Min | 120 Min | 150 Min | 180 Min |
|---|---|---|---|---|---|---|---|
| Hydrogen | 10 | 9 | 5 | 4 | 2 | 2 | 2 |
| Methane | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Combined | 10 | 9 | 5 | 4 | 2 | 2 | 2 |

**Important Information - Please Read:**
Breath analysis standards for abnormal tests are suggested if an increase of 20ppm for Hydrogren ($H_2$), 12ppm for Methane ($CH_4$), or a combined 15ppm for Hydrogen ($H_2$) & Methane ($CH_4$) is detected.
Only the treating clinician is able to determine if there are additional factors that could have a material impact on the results of this analysis.
A diagnosis can only be obtained from a medical professional that combines clinical information with the results of this breath analysis.
The results of this Hydrogren ($H_2$) & Methane ($CH_4$) breath test should be utilized as a guideline only.

Aerodiagnostics LLC does not have access to patient clinical information that is critical for a diagnosis determination.

**Quality Control:**
Aerodiagnostics performs quality control analysis on specimens processed using rigorous standard operating procedures, established in conjuction with Clinical Laboratory Improvement Amendments (CLIA).
Hydrogren ($H_2$) & Methane ($CH_4$) breath test values are corrected by Aerodiagnostics state-of-the-art solid state sensor technology & scientific algorithm for Carbon Dioxide ($CO_2$) content in the samples.

[1] The correction factor, f($CO_2$) is used to determine if each sample is valid for analysis. A f($CO_2$) close to 1.00 is indicative of a good alveolar sample, while a factor in excess of 4.00 is indicative of a poor sample.

[3] A combined $H_2$ + $CH_4$ increase of 15 ppm or more may be suggestive of Lactose intolerance\malabsorption.