

GANZIMMUN AG - Hans-Böckler-Straße 109 - 55128 Mainz

Prolmmun Analize  
 Diagnostik-Zentrum Zagreb

Haulikova 1  
 HR-10000 Zagreb

**Laboratoryreport**

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Sample Material: Hydrogen breath test kit

Test	Result	Initial Result	Norm
<b>gastrointestinal diagnostics</b>			
<b>Wasserstoff-Atemtest (Glucose):</b>			
Glucose H2-breath test (basal value)	4,9 ppm		< 20
Glucose H2-breath test (2nd sample)	4,8 ppm		
Glucose H2-breath test (3rd sample)	3,6 ppm		
Glucose H2-breath test (4th sample)	0.0 ppm		
Glucose H2-breath test (5th sample)	0.0 ppm		

**Overall assessment**

**Übersicht Allergie:**

- Correct conduction of the test? In case of further persisting clinical suspicion a **control is recommendable**.

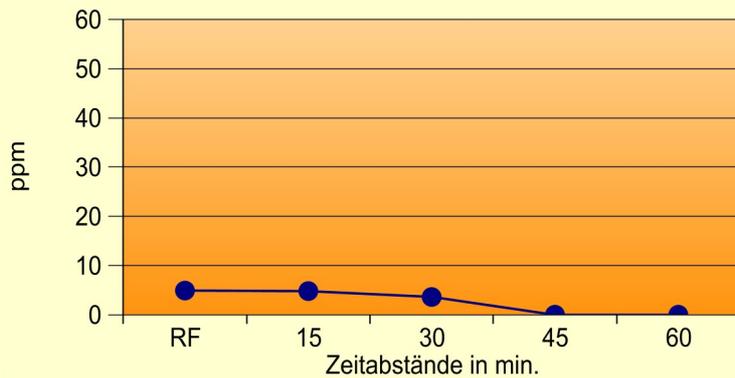
**Allergy diagnostics**

**H2 breath test glucose**



A positive test result is obtained if the difference between basal value and one of the following samples is > 15 ppm.

## Wasserstoffatemgasanalyse



**No reference** to abnormal colonization of the upper small intestine sections (Overgrowth syndrome).

### Therapy recommendations for a non-responder type

The following therapeutic recommendations contain a selection of different therapeutic regimens and forms of application, which have proved to be particularly useful with regard to the result constellation. Which preparations or therapies are used and possibly combined, is at the discretion of the therapist. The responsibility of the treating person for the necessary therapeutic measures as well as exclusion criteria or contraindications in the individual case is not thereby replaced. For further information please do not hesitate to contact us.

- **Substitution**

- The administration of highly dosed lactobacilli cultivates a further increase of the defective flora in the small intestine
- **Cave:** Bifidobacteria preparations often lead to an intensification of the symptoms in patients with an Overgrowth syndrome and should therefore be avoided
- In case of further complaints antibiosis (reduction of the defective flora in the small intestine) may be considered. Tetracycline or metronidazole (duration: 10 days) are suitable. To avoid recurrences, lactobacilli cultures should be given following the antibiotic

- **Dietary measures**

Leave digestible, calorie-rich diet

Many thanks for your investigatory assignment.

medically validated for Ganzimmun Diagnostics AG

### Complementary diagnostics

In patients with Overgrowth syndrome, a change in intestinal flora as well as micronutrient deficits, in particular zinc, methionine and glutamine, is to be expected.

We recommend the following studies for objectification and therapy:

- ▶ Flora Status
- ▶ Alpha-1-antitrypsin
- ▶ Calprotectin
- ▶ Micronutrient profile in whole blood

### Note

Since approximately 5-10% of the total population are **non-responders**, intolerance can occur due to unambiguous symptoms during the test procedure. In addition, errors during test execution can lead to false negative test results.

All parameters marked with an \* are tested at our accredited laboratory partners.

\*\* study not accredited