

# Instructions for Use

*This test aids in the diagnosis of  
Fructose Malabsorption*

**Fructose  
6 Tube**

**Hydrogen &  
Methane Breath Test  
Collection Kit**

When the enzyme needed to break down Fructose, a sugar commonly found in fruit, is not present, a condition called **Fructose Malabsorption** may occur.

The lack of the enzyme allows bacteria normally found in your digestive system to produce hydrogen and/or methane gas which can cause many gastrointestinal symptoms such as bloating, diarrhea, and/or flatulence.

**Access instructional guides and videos at [www.commdx.com/patients](http://www.commdx.com/patients)**



**QUESTIONS?**

**1(888)-258-5966 | [info@commdx.com](mailto:info@commdx.com)**

**Mon-Fri: 9am - 5pm ET**

## Your Kit Includes:

- (1) Instructions for Use
- (1) Laboratory Requisition Form
- (1) Wrapped collection straw
- (1) Fructose substrate packet\*
- (6) Collection tubes in a vacuum-sealed pack
- (1) Sample label card with 6 labels
- (1) Prepaid return shipping label
- (2) Bubble wrap bags for packaging of samples

**Indications and Usage:** The intended use of this device is for the collection of human breath samples to aid in the diagnosis of fructose malabsorption.

**Contraindications:** Patients with a known fructose allergy should not take this test. Patients with a low galactose diet should discuss with their healthcare provider prior to taking this test. Patients with diabetes should consult with their healthcare provider prior to taking the test due to the amount of absorbable sugar and fasting required.

**Precautions:** Patients with food allergies should take precaution before taking this test as most substrates do not come with food allergy labeling. Contact immediate medical assistance if you have signs of a possible allergic reaction: hives; difficulty breathing; swelling of face, lips, tongue, and throat. Any serious incident that occurs in relation to this device shall be reported to the manufacturer and the competent authority of the member state in which the patient is established.

Please consult with your healthcare provider if you have any health concerns, are on a specialty diet, and/or are on prescribed medications. Please do not discontinue taking any prescribed or over-the-counter (OTC) medications, including the ones listed in the Test Restrictions section, without consulting with your healthcare provider prior to taking this test.

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\* The substrate is provided "as is" and CDI makes no representations or warranties whatsoever, express or implied, including without limitation any implied warranty of merchantability or fitness for a particular purpose. Patients should consult with their healthcare provider before ingesting this substrate.

# Important Reminders

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- 1. Be sure to check the expiration date of your test kit** which is located on the outside of your kit next to the hourglass (🕒) image displayed as YEAR/MONTH/DAY. Do not take your test if the expiration date has already passed and reach out to CDI to receive a new test kit.
- 2. Samples are valid for two [2] weeks from sample collection** and must be received at CDI's lab within this timeframe. Please ship your kit back to CDI immediately after completing the test.
- 3. Failure to follow these instructions can lead to an invalid result.** You may still be billed for the test if the test is invalid due to patient error.
- 4. Please be sure to thoroughly read the billing & insurance policies** in these instructions as well as on your requisition form. Additional information can be found here on our website, [www.commdx.com/insurance](http://www.commdx.com/insurance).
- 5. If you have multiple test kits,** please keep in mind that the full 24-hour preparation will need to be repeated between each test. We recommend spacing test apart by at least 24 hours.

## Symbol Definitions

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Consult the  
Instructions For Use



Contains sufficient  
for 1 test



*In vitro* diagnostic  
medical device



Authorized representative  
in the European Community



Manufacturer



Do not use if broken



Batch Code



CE Mark



Caution



Do not re-use



Catalog Number



Use By Date

# Billing & Insurance

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## Please read prior to taking your breath test:

- CDI will submit a claim on your behalf for all commercial insurance plans. Most commercial insurance plans do not consider CDI as an in-network provider, therefore most patients will be responsible for the **maximum out-of-pocket cost of \$249 per breath test**.
- If your insurance provider is not listed on our website as an in-network provider, your claim will be billed as an out-of-network claim. It is the patient's responsibility to contact their insurance provider to determine coverage. CPT codes and other information needed to determine coverage can be found on our website. *Please note, our lab is separate from your healthcare provider, so if your healthcare provider is in-network, it does not mean that CDI is in-network. Please refer to our website for a list of in-network insurance providers.*
- CDI accepts all **Medicare, Medicare Advantage, and Tricare** government managed health insurance plans.
- CDI **does not accept Medicaid**. If you are a Medicaid patient, you will be billed for the maximum out-of-pocket cost of \$249 per breath test.
- CDI offers convenient payment plans and financial hardship programs for those who qualify. Contact CDI's customer service team at [customerservice@commdx.com](mailto:customerservice@commdx.com) or visit our website for more information.
- Insurance payments are applied to the registered cost of our test, \$599. All non-covered costs are the patient's responsibility. The maximum out-of-pocket cost will not exceed \$249 per test.

Visit [www.commdx.com/insurance](http://www.commdx.com/insurance) for important information including a list of our in-network providers and billing & insurance FAQs.

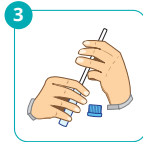
# 8 Simple Steps



**1** **Fill out the Requisition Form,** sign and date. DO NOT fill out the Provider information section.



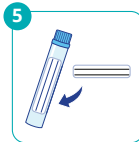
**2** **Mix the substrate packet** into 8 ounces of room temperature water. DO NOT DRINK YET.



**3** **Collect sample #1 -** Insert straw halfway into tube, exhale normally for 5-8 seconds until condensation forms on sides of tube.



**4** **Screw cap back on securely -** DO NOT OVERTIGHTEN. Cap should be screwed to the first point of resistance. If you see an inner dimple, loosen cap and screw again to ensure proper seal.



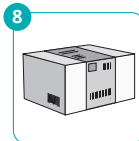
**5** **Label sample #1 -** Fill out the label completely and apply to the side of the tube.



**6** **Drink substrate mixture immediately following** collection of sample #1 and wait 40 minutes before collecting sample #2.



**7** **Repeat Steps 3-5 for all tubes** every 40 minutes until all tubes are used. Place labeled tubes in provided bubble wrap.



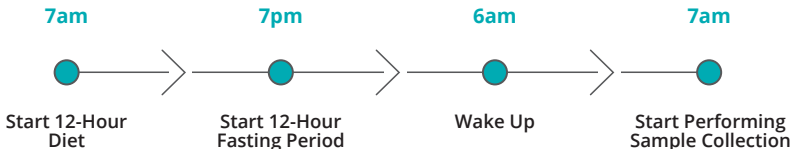
**8** **Ship back to CDI -** Apply shipping label to box. Check label for carrier details. Samples must be received at lab within 2 weeks of collection. Shipping kit within 24 hours of taking the test recommended.

**Time of Test:**  
Fructose 6 Tube Kit:  
*3 hours and 20 minutes*

# 24 Hour Preparation Period

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## SUGGESTED SCHEDULE:



*It may be convenient to begin the 24-hour preparation period in the morning so that you may follow the specific diet during the day, immediately followed by the fasting period during the night (which may include time spent sleeping).*

## TEST RESTRICTIONS\*

- Discontinue the use of any antibiotics for 4 weeks prior to taking the test.
- Discontinue the use of any laxatives and/or promotility drugs (i.e. anything that helps aid in the movement of your bowels) for 1 week prior to taking the test.
- Do not smoke or vape for at least 24 hours prior to the test, or any time during the test.
- Do not sleep or exercise for at least 1 hour prior to taking the test or at any time during the test.

\* Consult with your healthcare provider prior to discontinuing any medications before taking this test.

## 12-HOUR DIET: PERMITTED FOODS ONLY

Visit CDI's website for a complete list of permitted foods, sample recipes, and suggested meal plans.



Olive Oil, Salt, & Pepper (*minimal seasonings*)



Plain White Bread



Baked or Broiled Seafood



White Rice



Plain Black Coffee, Plain Black or Green Tea (*no herbal teas*)



Eggs



Baked or Broiled Lean Beef & Lean Pork (*no deli meat*)



Boiled or Mashed Potatoes (no skin), Carrots & Turnips



Plain Tofu



Baked or Broiled Chicken & Turkey (*no deli meat*)

## 12-HOUR FASTING PERIOD

- Do not ingest anything other than water while fasting or during the test.
- You may take necessary prescribed medications cleared by your physician
- Do not take any vitamins or supplements.
- You may brush your teeth as you normally would.
- You must be awake for at least 1 hour prior to starting the test.

*We encourage you to reach out to our dedicated customer service team with any questions during normal business hours (Mon-Fri: 9am - 5pm ET).*



*The Leader In Hydrogen and Methane Breath Testing®*



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DO NOT USE IF PACKAGE IS DAMAGED OR EXPIRED.