

USER MANUAL





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FCC Disclaimer

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

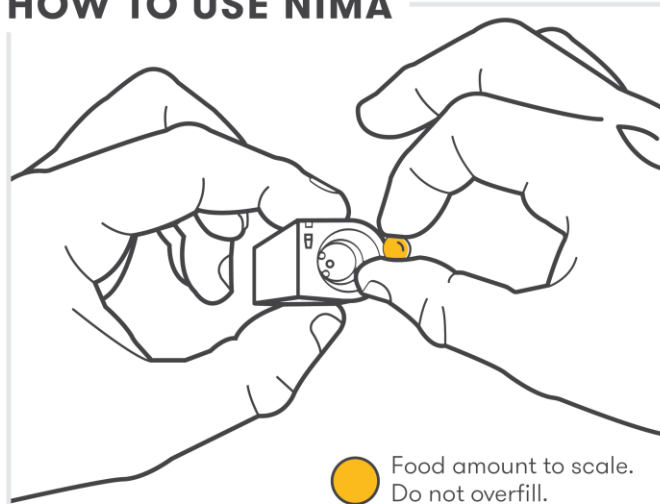
How Does Nima Work?

With Nima, we have taken a complex laboratory style test and shrunk it into a simple, portable device. Closing the capsule prepares the food within for testing. Then, our antibody chemistry detects if there is gluten. Finally, our sensor reads the result. It's that simple.

All of this allows you to feel more confident in what you are eating.

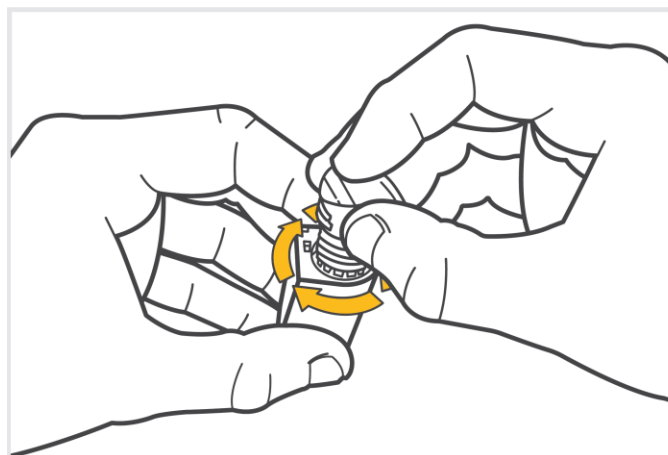
How to run a test

HOW TO USE NIMA



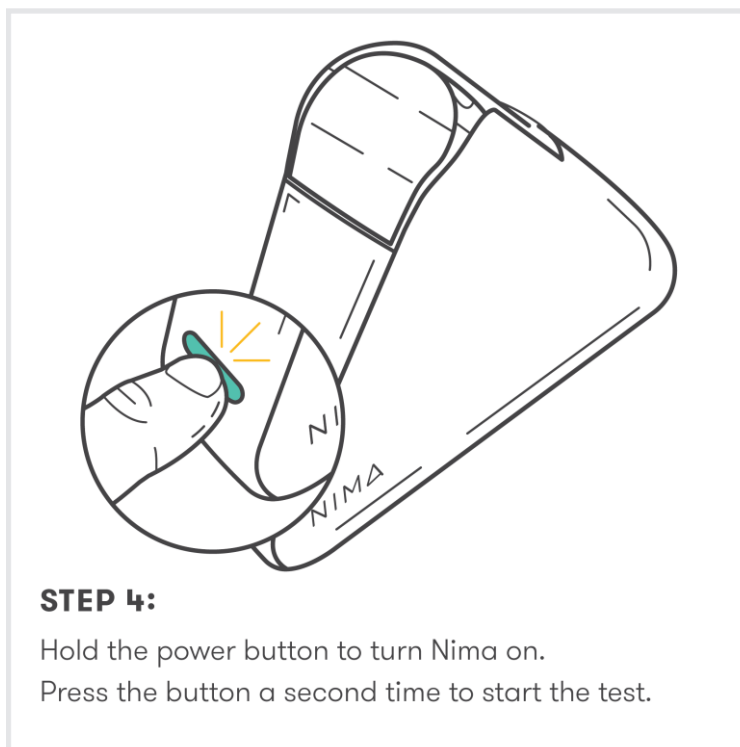
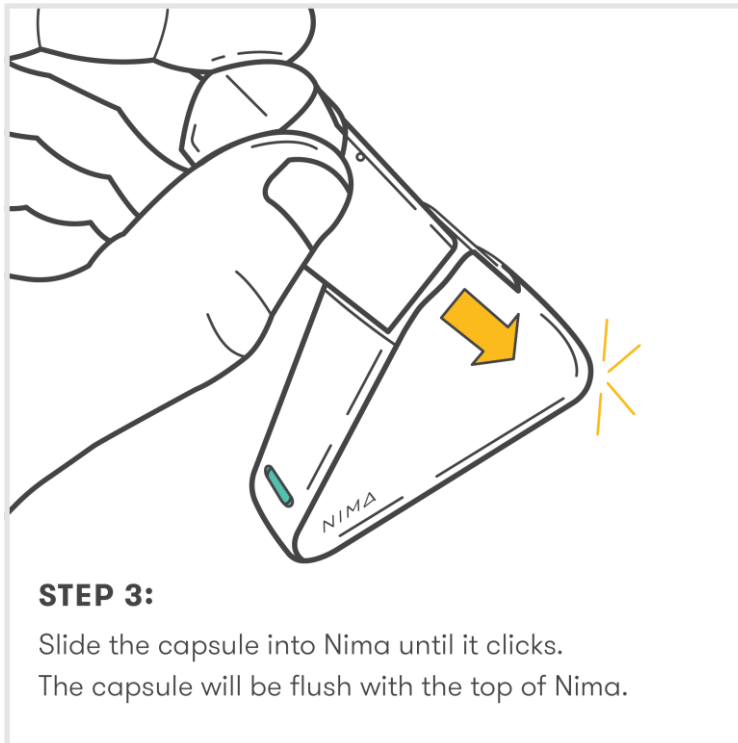
STEP 1:



Unwrap a new capsule. Put a pea-sized amount of liquid or solid food into the disposable capsule.



STEP 2:

Firmly screw on the cap until you feel the pop. Keep twisting until the green ring disappears.

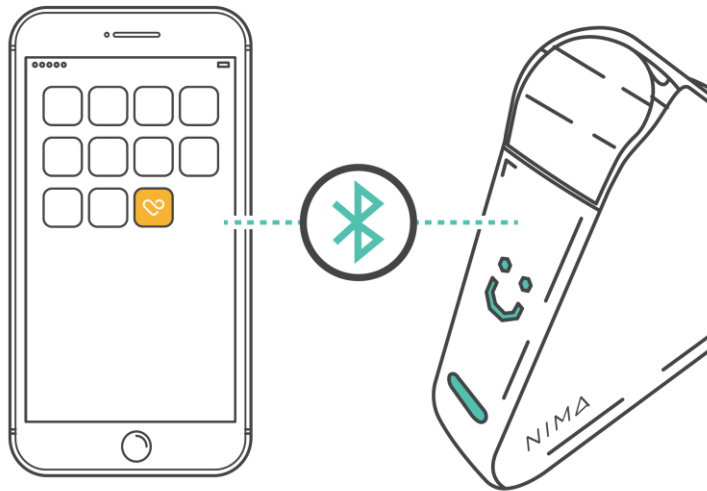


 = no gluten detected
 = gluten detected



STEP 5:

Wait up to three minutes for results. Throw the capsule in the trash after use.



STEP 6:

Download the Nima app from the Apple App Store. Open the app to pair your Nima and share your test results with the Nima community. If you're an Android user, visit nimasensor.com/android for instructions.

Best practices for use

- Leave capsules wrapped until ready to use
- Use capsule before the expiration date printed on the label
- Store capsules in a temperate environment. Extreme heat and extreme cold will damage the integrity of the test.
- *Do not store capsules in a hot car*
- Wash hands before testing to help avoid cross contamination
- Place Nima on a flat surface for the duration of the test. Do not shake.
- Use a fresh capsule for every test. You cannot test the same capsule twice.
- Capsules are not currently recyclable. Throw capsule away immediately after use.

Reading the results



<Low Battery>

Battery needs charged.



<Stand Up>

Place Nima upright on a flat surface when running a test. Too much movement of Nima during testing may cause a failure.



<No Capsule>

Nima does not recognize a capsule to test. Confirm the capsule cap is fully closed and inserted into Nima. You should hear a “Click” when it’s properly inserted.



<Bad Capsule>

Nima has an issue with the capsule being tested. The capsule may have been used in a previous test or may be past the expiration date.



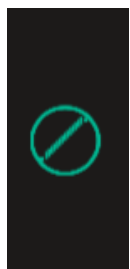
<Running Test>

Nima is running a test. This icon indicates something is happening. Might be accompanied by a noise. There is a progress bar to indicate how far into the test you are.



<Gluten Detected>

Nima found more than 20 ppm of gluten in the sample tested.



<Inconclusive Test>

Nima had a problem processing the food sample. Replace capsule and use a smaller food amount.



<Smile>

Nima found no gluten or less than 20ppm in the sample tested.

Maintenance

It is recommended to clean your Nima with a soft microfiber cloth. If any food gets inside the sensor capsule opening it is best to remove it as soon as possible. Take care not to scratch the window inside the sensor while removing any food or debris.

Battery Charging

The Nima battery lasts around 20 tests on average. Battery will last around 3 months if no tests are being run. From a completely dead battery the Nima takes about 3h to fully charge.

The Nima is charged via the USB micro connector. You can plug the Nima to any USB 1.0 or 2.0 micro charger or directly into a USB port on your computer. The Nima is compliant to USB 1.0 and 2.0 current limitations and will not draw more than 300mA of current at its maximum charge rate.

Testing Limitations

Nima is designed to give you additional information to help you feel more confident before eating. However, there are some testing limitations surrounding specific foods that you need to be aware of.

Soy sauce, beer, and other fermented or hydrolyzed foods

Why? The fermentation process breaks apart the gluten molecules and renders them unable to be detected with the chemical process. Since Nima can't detect the particles, Nima may still display a smile even if there is hydrolyzed gluten present.

Large amounts of high fat foods like ice cream, heavy cream, salad dressings, etc

Why? If too much high fat food is put into a Nima Capsule, the fat will clog the Capsule and prevent the test from completing. Nima will display an error if this happens. To lessen this issue, keep samples of these foods small. If liquid, do not overfill the capsule to the point where the internal teeth are covered.

Large amounts of very dry or powdery foods like pure flour, cinnamon, corn starch, etc

Why? If too much dry or powdery food is put into a Nima Capsule, the food will suck up all the test fluid and prevents the test from completing. Nima will display an error if this happens. To lessen this issue, keep samples of these foods extremely small. ¼ teaspoon or less.



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Downloading the App

Currently, the Nima app is only available on iOS. To download, go to the Apple App Store and search for Nima. Download the app and open. You will be prompted to create an account and login.