VIOME



DEMO TWO'S RECOMMENDATIONS

YOUR 90 DAYS OF FOLLOWING GUT INTELLIGENCE RECOMMENDATIONS ENDS ON NOV 02, 2019

## \'IOME

## Dear Demo Two,

The information on this report is for educational and informational use only. The information is not intended to be used by the customer for any diagnostic purpose and is not a substitute for professional medical advice. You should always seek the advice of your physician or other healthcare providers with any questions you may have regarding diagnosis, cure, treatment, mitigation, or prevention of any disease or other medical condition or impairment or the status of your health.



Test Name: Gut Intelligence Test
Authorized Order Person: Demo Two

Customer Name: Demo Two

DOB: 02/28/1998 Gender: Female

Customer Id: 183d8abe-94c0-4872-85fa-

8763251ad504

Sample Source: Fecal

Date Collected: 03/15/2019
Date Received: Not Available
Date Issued: 03/28/2019
Sample ID: 153668298766

Test Name: Food Sensitivity Intelligence Test

Authorized Order Person: Demo Two

Customer Name: Demo Two

DOB: 02/28/1998 Gender: Female

Customer Id: 183d8abe-94c0-4872-85fa-

8763251ad504

Sample Source: Blood

Date Collected: 08/01/2019
Date Received: Not Available
Date Issued: 07/15/2019

Sample ID: 453668298766

## Recommendations

## It's here! Your personalized Viome recommendations.

## Your recommendations

Your personalized recommendations are based on the activity of microbes in your gut and the information you've provided. Your recommendations are aimed at balancing your overall microbiome. Let's put it this way: Your food list highlights foods that will be transformed by your microbes into beneficial substances while limiting foods that will be transformed into harmful metabolites.

Remember, you and your microbiome are unique, and no single recommendation applies to everyone. The same foods can be beneficial for one person, neutral for another, and harmful for others. Ready to dig in?

#### Your foods

Your food recommendations have been classified into 4 ranks to help you achieve optimum health and well-being. These are:

- 1. **Superfoods.** Meet your food destiny. These are your most beneficial foods.
- 2. **Enjoy.** Build a strong foundation with these nutrient dense foods.
- 3. Minimize. You should still eat these foods (but within limits).
- 4. **Avoid.** These foods are your personal kryptonite.



Viome. Inc.

support@viome.com

Test

Customer Name: Demo Two

DOB: 02/28/1998

Your recommended servings

We all struggle to figure out serving sizes on food labels because they only act as measurement tools, they are not personalized for you.

With your food list, you get personalized servings to inform you on how much you should eat from each food category in a given day. And under each food, you'll find Viome's serving size, so you know the exact amount of that food to eat. **Tip:** If you are very active in a day, you can increase your servings from each food category proportionally for that day. Once you master your total servings per day, you can aim to achieve diversity by eating your recommended servings for each food rank.

#### Before you get started

Your success means a lot to us. Read our tips below before you begin.

#### What About Allergies?

You may notice some foods that you are allergic or sensitive to in your recommended food lists. Err on the side of caution. If you know you have a reaction or dislike to a recommended food, please do not consume it.

Foods are specifically chosen based on your unique microbiome rather than on allergies.

#### What about viruses?

You may see some foods placed on your avoid list due to viruses. Viruses are known to infect foods and have been associated with an inflammatory response. Internal Viome studies suggest that temporarily avoiding the virus-related foods for 3 to 4 weeks may be sufficient to reduce or eliminate activity of the viruses. You do not have to avoid all virus-related foods at once. After temporarily removing any virus-related food, you may choose to reintroduce that food back into your diet.

#### When is it best to eat?

Aim to eat three meals a day. Based on your metabolism, you will likely not need to snack in between meals. If you eat a high protein or high fat meal, wait until you feel hungry before eating again. Avoid eating three hours before you go to bed.

#### Go for variety

Explore foods that you haven't tried and since we're at it, alternate choices instead of eating the same food every day. Choose different foods from each of your superfood, enjoy, and minimize food categories based on your recommended amounts.



Test

Customer Name: Demo Two

DOB: 02/28/1998

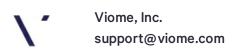
## Listen to your body

Your recommended amounts are a guideline on the quantity of foods you should aim for. Stop eating once you are comfortably satiated or 80% full. Monitor how you feel, including your **hunger**, **energy level**, and **mood** or other forms of discomfort 1-3 hours after eating. If you consistently feel worse in any of these areas, you may need to adjust your food choices.

#### What else?

In addition to your food plan, your microbiome and your metabolism will gain an extra benefit from sustained movement. Exercising 3 to 5 times per week is an essential component in balancing how well you metabolize foods.

Intermittent fasting with guidance may be incorporated as a strategy to improve metabolic efficiency.



Test

Customer Name: Demo Two

DOB: 02/28/1998

## My Foods



## Vegetables

63 recommended vegetables5 avoid vegetables6 servings of vegetables per day



## **Proteins & Fats**

59 recommended proteins & fats
1 avoid proteins & fats
5 servings of proteins & fats per day



## Fruits & Grains

69 recommended fruits & grains2 avoid fruits & grains5 servings of fruits & grains per day



## Herbs, Spices & Other

61 recommended herbs, spices & other 0 avoid herbs, spices & other 7 servings of herbs, spices & other per day



Test

Customer Name: Demo Two

DOB: 02/28/1998

## My Superfoods

## We recommend you eat more of these foods

These foods are specially forumulated to prioritize your gut's health and biodiversity.

## Apple (medium, organic)

Fruits & Grains
1 whole





Superfood

## My Microbiome's Response to Apple (medium, organic)

Apple contains pectin which is a soluble fiber. After an analysis of your microbiome and taking your questionnaire data into account, it has been determined that apple in your diet will be beneficial for you. Pectin enriches the mucus layer and protects your gut lining and supports healthy digestive movement.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to apple.

Apple may improve your Digestive Efficiency microbiome score.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3257631

#### My Food Sensitivity to Apple (medium, organic)

Medium food sensitivity to apple



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Artichoke

Vegetables 1 cup, diced



## My Microbiome's Response to Artichoke

Artichoke contains inulin which is a prebiotic fiber. After analyzing your microbiome and taking your questionnaire data into account, it has been determined that artichoke in your diet will be helpful for you. Inulin is converted by your microbiome to produce butyrate. Studies indicate that inulin increases microbial diversity, prevents constipation, helps manage weight, regulates blood sugar and aids with gastrointestinal distress.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to artichoke.

Artichoke may improve your Butyrate Production Pathways microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/29244718 https://www.ncbi.nlm.nih.gov/pubmed/29507837



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Asparagus

Vegetables 15 spears



## My Microbiome's Response to Asparagus

Asparagus contain fiber which is a complex carbohydrate. After analyzing your microbiome and taking your data into account, it has been determined that asparagus in your diet will be of benefit for you. Fiber is converted by your microbiome to produce butyrate. It has been reported that fiber increases microbial diversity, prevents constipation, helps manage weight, regulates blood sugar and aids with gastrointestinal distress.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to asparagus.

Asparagus may improve your Intestinal Barrier Health microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/11889319 https://www.ncbi.nlm.nih.gov/pubmed/28230737 https://www.ncbi.nlm.nih.gov/pubmed/29902436



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Avocado

Proteins & Fats 1 half



## My Microbiome's Response to Avocado

Avocado contains essential fatty acids which are a class of unsaturated fatty acids. After an analysis of your microbiome and taking your wellness goals into account, it has been determined that avocado in your diet will be of benefit for you. Essential fatty acids are critical for a stable microbiome. They increase microbial diversity and beneficial butyrate-producing bacteria. Butyrate is anti-inflammatory and promotes a strong gut lining by tightening the junctions between cells. Research shows that essential fatty acids nourish your brain, enhance gut health and decrease inflammation.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to avocado.

https://www.ncbi.nlm.nih.gov/pubmed/21472114 https://www.ncbi.nlm.nih.gov/pubmed/29215589



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Banana (small)

Fruits & Grains 1 whole





Superfood

## My Microbiome's Response to Banana (small)

Banana contains amino acids which are a type of amine. After an interpretation of your microbiome and taking your wellness goals into account, it has been determined that banana in your diet will be helpful for you. Amino acids are protein building blocks and important for energy regulation. Your gut bacteria ferment dietary amino acids and produce molecules which modulate your immune system, cell function, metabolism and nourish your gut lining.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to banana.

Banana may improve your Butyrate Production Pathways microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/21196263

#### My Food Sensitivity to Banana (small)

Low food sensitivity to banana



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Chard

Vegetables 1 cup



## My Microbiome's Response to Chard

Chard contains kaempferol which is a flavonoid. After an analysis of your microbiome and taking your data into account, it has been determined that chard in your diet will be good for you. Kaempferol is a flavonoid released following microbial metabolism. Kaempferol balances your microbiome, encourages growth beneficial to Lactobacillus and Bifidobacteria species and inhibits growth of harmful or pathogenic bacteria. Studies indicate that kaempferol decreases inflammation and benefits many biological systems including the gastrointestinal, hormonal, neurological, ocular and immune systems.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to chard.

Chard may improve your Intestinal Barrier Health microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/21068182 https://www.ncbi.nlm.nih.gov/pubmed/23497863 https://www.ncbi.nlm.nih.gov/pubmed/25793210



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Chicory (root)

Vegetables 1/2 cup



## My Microbiome's Response to Chicory (root)

Chicory contains sesquiterpene lactone which is a type of terpenoids. After an analysis of your microbiome and taking your questionnaire data into account, it has been determined that chicory in your diet will be optimal for you. Sesquiterpene lactone provides the bitter taste in chicory and promotes the production of necessary digestive juices to aid in digestion and absorption of nutrients.

Chicory may improve your Butyrate Production Pathways and Digestive Efficiency microbiome scores.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3836359



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Cranberry

Fruits & Grains 1/2 cup



## My Microbiome's Response to Cranberry

Cranberry contains flavonoids which are a class of polyphenols. After an interpretation of your microbiome and taking your data into account, it has been determined that cranberry in your diet will be beneficial for you. Polyphenols are a complex group of many compounds released following microbial metabolism. Polyphenols balance your microbiome, encourage growth of beneficial Lactobacillus and Bifidobacteria species and inhibit growth of harmful or pathogenic bacteria. Research shows that polyphenols decrease inflammation and benefit many biological systems including the gastrointestinal, hormonal, neurological, ocular, and immune systems.

Cranberry may improve your Intestinal Barrier Health microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/23849454 https://www.ncbi.nlm.nih.gov/pubmed/29441150 https://www.ncbi.nlm.nih.gov/pubmed/25793210



Test

Customer Name: Demo Two

DOB: 02/28/1998

## **Dandelion Greens**

Vegetables 1 cup



## My Microbiome's Response to Dandelion Greens

Dandelion greens contain sesquiterpene lactone which is a type of terpenoids. After an analysis of your microbiome and taking your questionnaire data into account, it has been determined that dandelion greens in your diet will be helpful for you. Sesquiterpene lactone provides the bitter taste in dandelion greens and promotes the production of necessary digestive juices to aid in digestion and absorption of nutrients.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to dandelion greens.

Dandelion greens may improve your Digestive Efficiency microbiome score.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5553762 https://www.ncbi.nlm.nih.gov/pubmed/22010973



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### **Fennel Bulb**

Vegetables 1 cup



## My Microbiome's Response to Fennel Bulb

Fennel bulb contains histidine which is an amino acid. After an interpretation of your microbiome and taking your data into account, it has been determined that fennel bulb in your diet will be good for you. Histidine is used to produce histamine, a neurotransmitter needed for healthy digestion and gut lining.

Fennel bulb may improve your Digestive Efficiency microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/22010973



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Filberts or Hazelnuts

Proteins & Fats 15 nuts



## My Microbiome's Response to Filberts or Hazelnuts

Hazelnuts contain magnesium which is a mineral. After an interpretation of your microbiome and taking your wellness goals into account, it has been determined that hazelnuts in your diet will be beneficial for you. Magnesium is great for your microbiome - it can increase the abundance of Bifidobacterium species. These microbes help digest fiber, which produces butyrate, a short-chain fatty acid that balances inflammation and some Bifidobacteria further promote the release of nutrients like magnesium from dietary sources. Research shows that magnesium decreases inflammation, protects your heart, and is an essential cofactor for many different enzymes.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to hazelnuts.

https://www.ncbi.nlm.nih.gov/pubmed/21609904 https://www.ncbi.nlm.nih.gov/pubmed/24290571 https://www.ncbi.nlm.nih.gov/pubmed/20089787



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Ginger

Herbs, Spices & Other 1 tablespoon





Superfood

## My Microbiome's Response to Ginger

Ginger contains gingerol which is a polyphenol. After an interpretation of your microbiome and taking your questionnaire data into account, it has been determined that ginger in your diet will be of benefit for you. Gingerol like other polyphenols is metabolized by your microbiome. Research shows that once converted by your microbes, gingerol reduces inflammation and improves digestion.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3665023

## My Food Sensitivity to Ginger

Medium food sensitivity to ginger



Test

Customer Name: Demo Two

**DOB:** 02/28/1998

#### Grapefruit

Fruits & Grains
1 whole



## My Microbiome's Response to Grapefruit

Grapefruit contains naringenin which is a type of flavonoid. After an analysis of your microbiome and taking your data into account, it has been determined that grapefruit in your diet will be optimal for you. Naringenin provides the bitter taste in grapefruit which promotes the production of necessary digestive juices to aid in digestion and absorption of necessary nutrients.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to grapefruit.

Grapefruit may improve your Digestive Efficiency microbiome score.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4849025 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4085189



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Jerusalem Artichoke

Vegetables 1 cup



## My Microbiome's Response to Jerusalem Artichoke

Jerusalem artichoke contains inulin which is a prebiotic fiber. After an interpretation of your microbiome and taking your wellness goals into account, it has been determined that jerusalem artichoke in your diet will be of benefit for you. Inulin is converted by your microbiome to produce butyrate. Research shows that inulin increases microbial diversity, prevents constipation, helps manage weight, regulates blood sugar and aids with gastrointestinal distress.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to jerusalem artichoke.

Jerusalem artichoke may improve your Butyrate Production Pathways microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/29244718 https://www.ncbi.nlm.nih.gov/pubmed/28213610 https://www.ncbi.nlm.nih.gov/pubmed/29507837



Test

Customer Name: Demo Two

**DOB:** 02/28/1998

#### Leek

Vegetables 1/2 cup, sliced



## My Microbiome's Response to Leek

Leeks contain inulin which is a prebiotic fiber. After an analysis of your microbiome and taking your questionnaire data into account, it has been determined that leeks in your diet will be helpful for you. Inulin is converted by your microbiome to produce butyrate. Studies indicate that inulin increases microbial diversity, prevents constipation, helps manage weight, regulates blood sugar and aids with gastrointestinal distress.

Leeks may improve your Butyrate Production Pathways microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/29244718 https://www.ncbi.nlm.nih.gov/pubmed/29507837



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Lentils

Proteins & Fats 4 ounces, cooked



## My Microbiome's Response to Lentils

Lentils contain magnesium which is a mineral. After analyzing your microbiome and taking your questionnaire data into account, it has been determined that lentils in your diet will be helpful for you. Magnesium is great for your microbiome it can increase the abundance of Bifidobacterium species. These microbes help digest fiber, which produces butyrate, a short-chain fatty acid that balances inflammation and some Bifidobacteria further promote the release of nutrients like magnesium from dietary sources. Research shows that magnesium decreases inflammation, protects your heart, and is an essential cofactor for many different enzymes.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to lentils.

https://www.ncbi.nlm.nih.gov/pubmed/19359148 https://www.ncbi.nlm.nih.gov/pubmed/18568054 https://www.ncbi.nlm.nih.gov/pubmed/20089787



Test

Customer Name: Demo Two

**DOB:** 02/28/1998

#### Olive Oil

Proteins & Fats 1 tablespoon



## My Microbiome's Response to Olive Oil

Olive oil contains essential fatty acids which are a class of unsaturated fatty acids. After an interpretation of your microbiome and taking your wellness goals into account, it has been determined that olive oil in your diet will be good for you. Essential fatty acids are critical for a stable microbiome. They increase microbial diversity and beneficial butyrate-producing bacteria. Butyrate is anti-inflammatory and promotes a strong gut lining by tightening the junctions between cells. It has been reported that essential fatty acids nourish your brain, enhance gut health and decrease inflammation.

Olive oil may improve your Intestinal Barrier Health microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/26582965 https://www.ncbi.nlm.nih.gov/pubmed/21472114 https://www.ncbi.nlm.nih.gov/pubmed/29215589



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Oregano

Herbs, Spices & Other 1/4 teaspoon



## My Microbiome's Response to Oregano

Oregano contains flavonoids which are a class of polyphenols. After an interpretation of your microbiome and taking your questionnaire data into account, it has been determined that oregano in your diet will be helpful for you. Polyphenols are a complex group of many compounds released following microbial metabolism. Polyphenols balance your microbiome, encourage growth of beneficial Lactobacillus and Bifidobacteria species and inhibit growth of harmful or pathogenic bacteria. Research shows that polyphenols decrease inflammation and benefit many biological systems including the gastrointestinal, hormonal, neurological, ocular, and immune systems.

Oregano may improve your Inflammatory Activity microbiome score.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4227268



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Papaya

Fruits & Grains 1 cup, sliced



## My Microbiome's Response to Papaya

Papaya contains flavonoids which are a class of polyphenols. After an analysis of your microbiome and taking your questionnaire data into account, it has been determined that papaya in your diet will be helpful for you. Polyphenols are a complex group of many compounds released following microbial metabolism. Polyphenols balance your microbiome, encourage growth of beneficial Lactobacillus and Bifidobacteria species and inhibit growth of harmful or pathogenic bacteria. Research shows that polyphenols decrease inflammation and benefit many biological systems including the gastrointestinal, hormonal, neurological, ocular, and immune systems.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to papaya.

Papaya may improve your Digestive Efficiency and Inflammatory Activity microbiome scores.

https://www.ncbi.nlm.nih.gov/pubmed/20540696 https://www.ncbi.nlm.nih.gov/pubmed/21763290 https://www.ncbi.nlm.nih.gov/pubmed/25793210



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### **Pumpkin**

Vegetables 1 cup



## My Microbiome's Response to Pumpkin

Pumpkin contains magnesium which is a mineral. After analyzing your microbiome and taking your data into account, it has been determined that pumpkin in your diet will be good for you. Magnesium is great for your microbiome - it can increase the abundance of Bifidobacterium species. These microbes help digest fiber, which produces butyrate, a short-chain fatty acid that balances inflammation. Some Bifidobacteria further promote the release of nutrients like magnesium from dietary sources. Research shows that magnesium decreases inflammation, protects your heart, and is an essential cofactor for many different enzymes.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to pumpkin.

https://www.ncbi.nlm.nih.gov/pubmed/19359148 https://www.ncbi.nlm.nih.gov/pubmed/18568054 https://www.ncbi.nlm.nih.gov/pubmed/20089787



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Raspberry

Fruits & Grains
1 cup



## My Microbiome's Response to Raspberry

Raspberry contains quercetin which is a flavonol. After an analysis of your microbiome and taking your data into account, it has been determined that raspberry in your diet will be good for you. Quercetin influences bacterial function and leads to the activation of specific antioxidant biological pathways that decrease inflammation and contribute to microbial detoxification. Research shows that quercetin promotes hormone production and cardiovascular wellness. In fact, low plasma levels of quercetin have been associated with increased risk of heart disease.

Additionally, analysis of your data predicts that you are unlikely to have an increased blood sugar response to raspberry.

Raspberry may improve your Intestinal Barrier Health microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/19297429

#### Sage

Herbs, Spices & Other 1/4 teaspoon



## My Microbiome's Response to Sage

Sage contains amino acids which are a type of amine. After an analysis of your microbiome and taking your data into account, it has been determined that sage in your diet will be beneficial for you. Amino acids are protein building blocks and important for energy regulation. Your gut bacteria ferment dietary amino acids and produce molecules which modulate your immune system, cell function, metabolism and nourish your gut lining.

https://www.ncbi.nlm.nih.gov/pubmed/21196263



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### **Spirulina**

Vegetables 2 tablespoons



#### My Microbiome's Response to Spirulina

Spirulina contains essential fatty acids which are a class of unsaturated fatty acids. After an interpretation of your microbiome and taking your data into account, it has been determined that spirulina in your diet will be helpful for you. Essential fatty acids are critical for a stable microbiome. They increase microbial diversity and beneficial butyrate-producing bacteria. Butyrate is anti-inflammatory and promotes a strong gut lining by tightening the junctions between cells. It has been reported that essential fatty acids nourish your brain, enhance gut health and decrease inflammation.

https://www.ncbi.nlm.nih.gov/pubmed/25773775 https://www.ncbi.nlm.nih.gov/pubmed/18568054 https://www.ncbi.nlm.nih.gov/pubmed/29215589

## Tarragon

Herbs, Spices & Other 1/4 teaspoon



## My Microbiome's Response to Tarragon

Tarragon contains apigenin which is a bioflavonoid. After an analysis of your microbiome and taking your questionnaire data into account, it has been determined that tarragon in your diet will be optimal for you. Your microbiome plays an important role in breaking down bioflavonoids. Studies indicate that apigenin influences the diversity of your microbiome by increasing the activity of Enterococcus species and their ability to participate in DNA repair and modulation of the stress and immune responses.

https://www.ncbi.nlm.nih.gov/pubmed/22975493/ https://www.ncbi.nlm.nih.gov/pubmed/28771188



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Turmeric

Herbs, Spices & Other 1/2 teaspoon



## My Microbiome's Response to Turmeric

Turmeric contains curcumin which is a polyphenol. After analyzing your microbiome and taking your wellness goals into account, it has been determined that turmeric in your diet will be helpful for you. Curcumin is a great anti-inflammatory. By decreasing inflammation, you alter the environment of your gut allowing your microbes to thrive and strengthen the integrity of your gut lining.

Turmeric may improve your Inflammatory Activity microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/12676044

https://www.ncbi.nlm.nih.gov/pubmed/26218141

https://www.jax.org/news-and-insights/2015/january/curcumin-attenuates-western-diet-induced-disease-by-increasing-intestinal-b#



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### Yam or Sweet Potato

Vegetables 1/2 cup



## My Microbiome's Response to Yam or Sweet Potato

Yam contains saponins which are a group of glycosides. After an analysis of your microbiome and taking your wellness goals into account, it has been determined that yam in your diet will be of benefit for you. Saponins increase the diversity and abundance of butyrate-producing species and other beneficial bacteria, such as Bifidobacterium species. Studies indicate that saponins can decrease inflammation and modulate inflammatory pathways that regulate the immune response.

Yam may improve your Inflammatory Activity microbiome score.

https://www.ncbi.nlm.nih.gov/pubmed/19548065 https://www.ncbi.nlm.nih.gov/pubmed/15857214 https://www.sciencedirect.com/science/article/pii/S1756464615003448



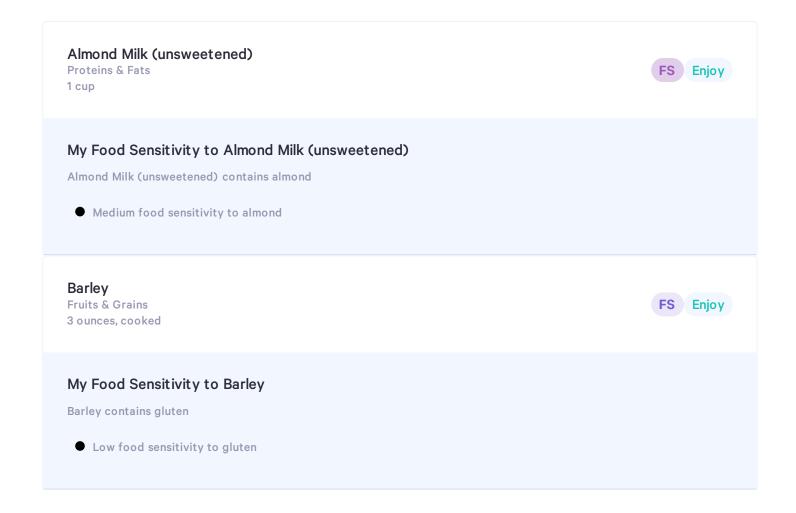
Test

Customer Name: Demo Two

DOB: 02/28/1998

# My Foods to Enjoy

We recommend you enjoy these nutrient dense foods.

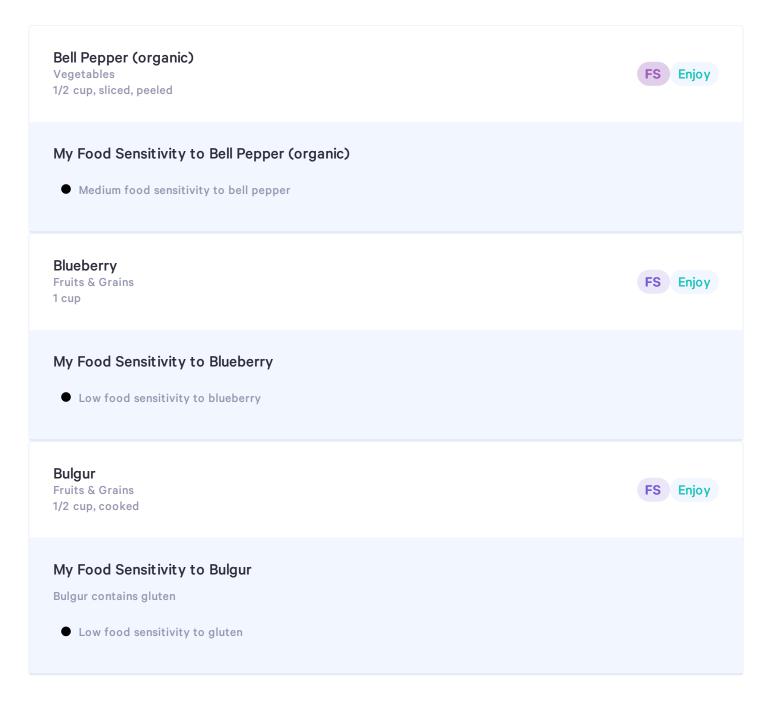




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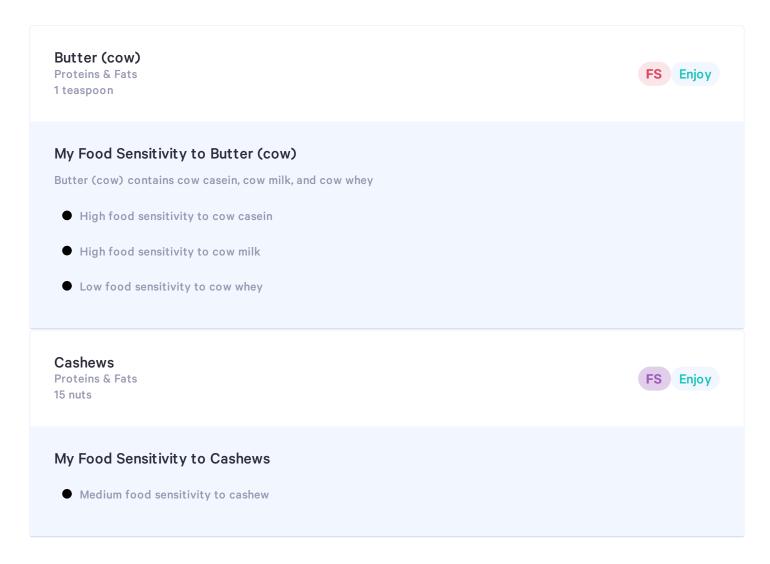




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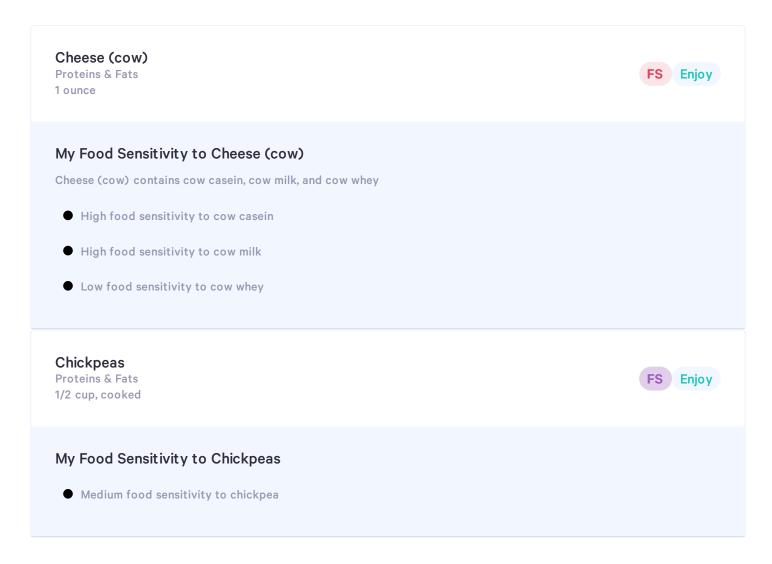




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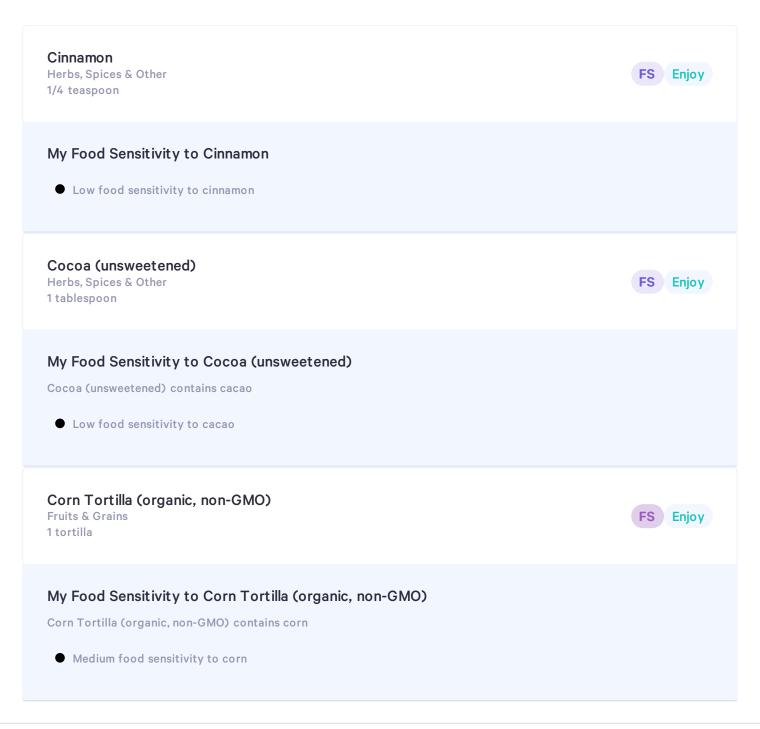




Test

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DOB: 02/28/1998

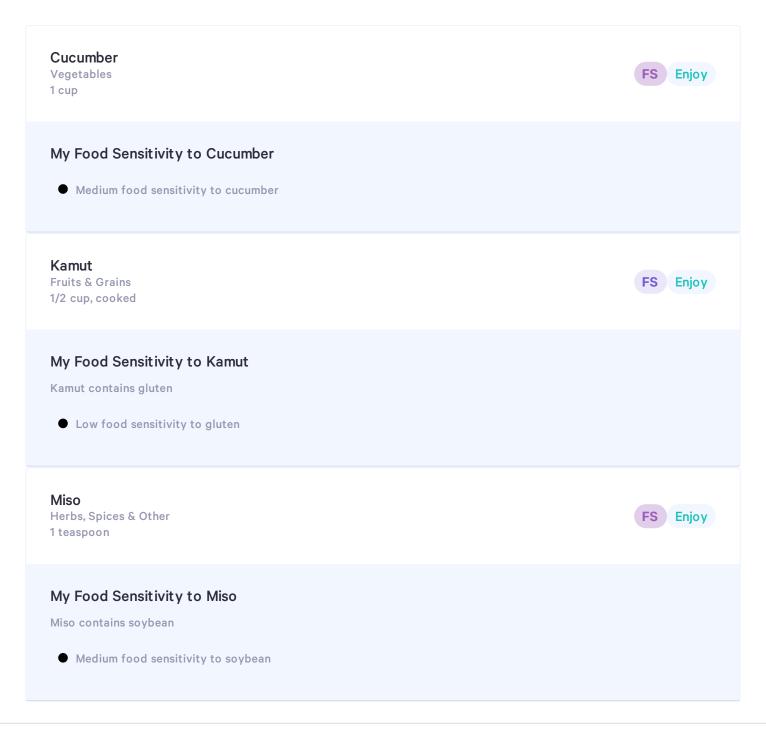




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DOB: 02/28/1998

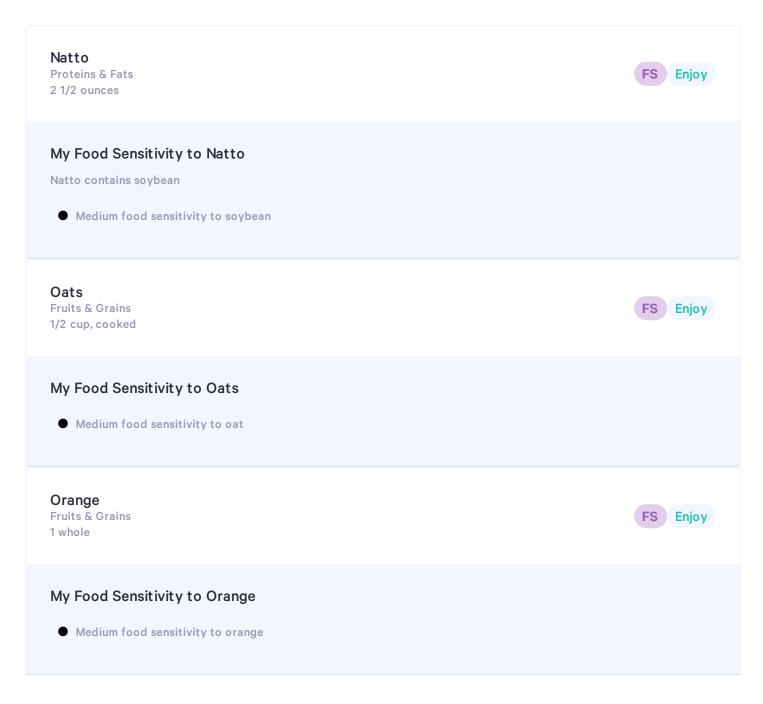




Test

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**DOB:** 02/28/1998

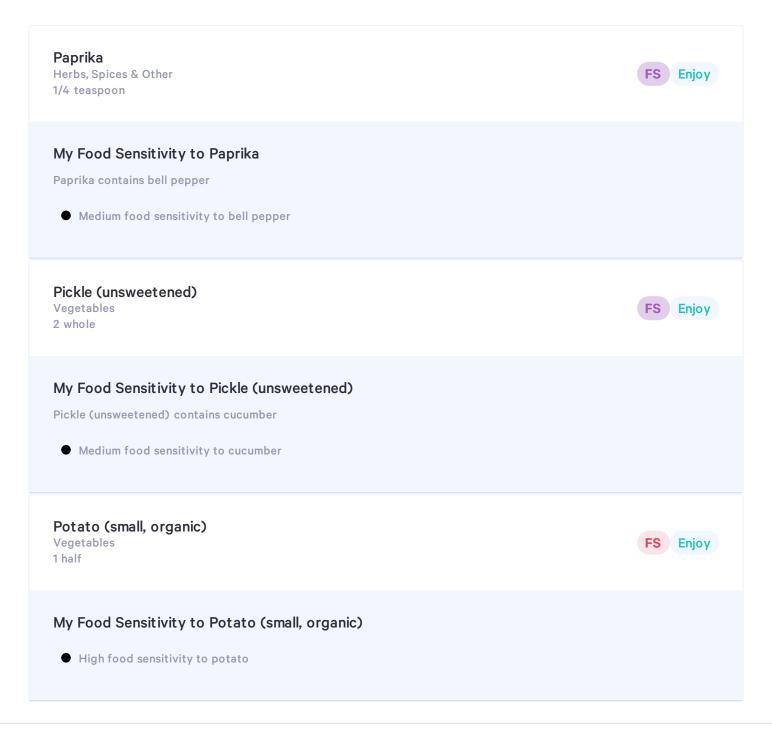




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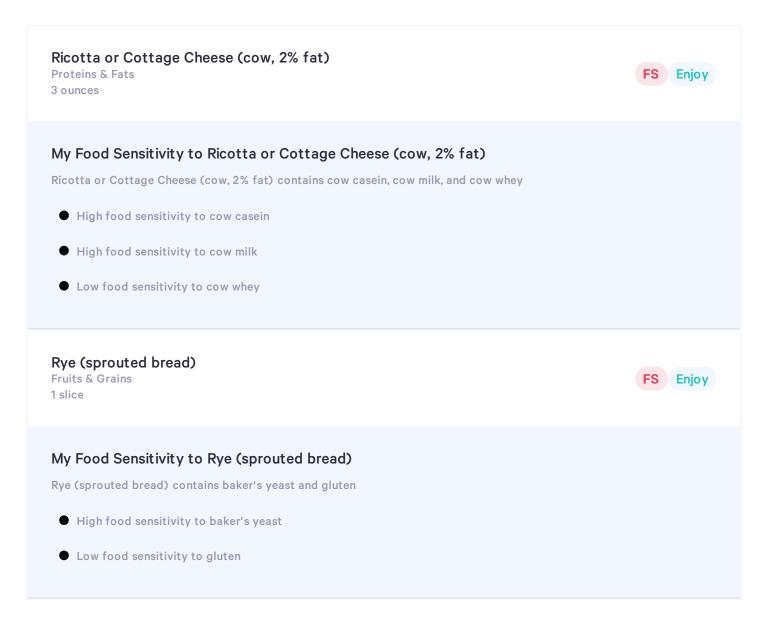




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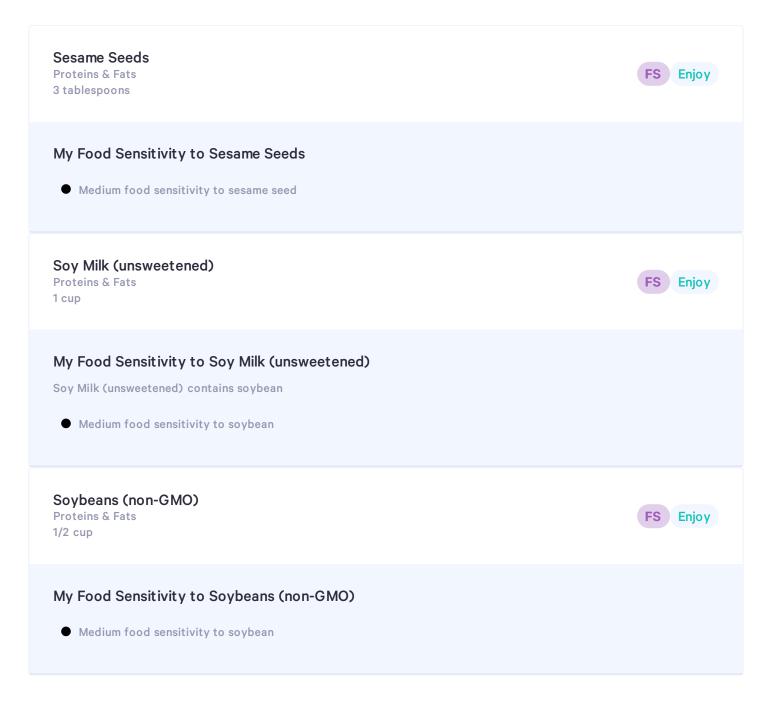




Test

Customer Name: Demo Two

DOB: 02/28/1998

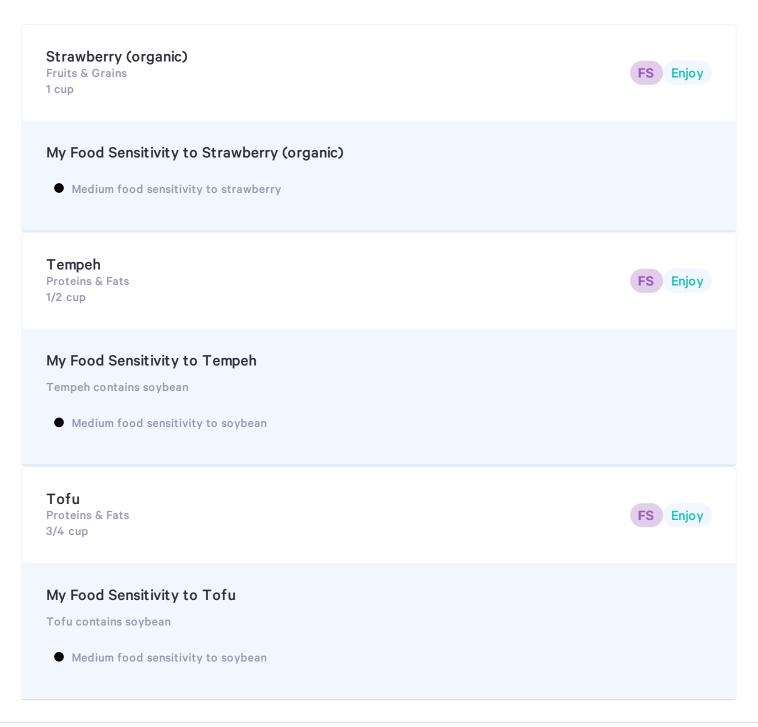




Test

Customer Name: Demo Two

DOB: 02/28/1998

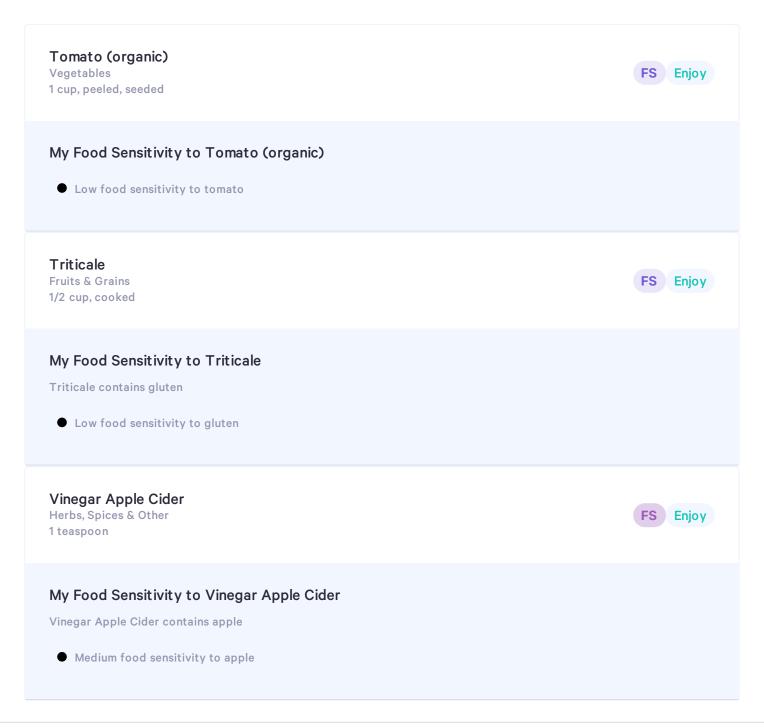




Test

Customer Name: Demo Two

**DOB:** 02/28/1998

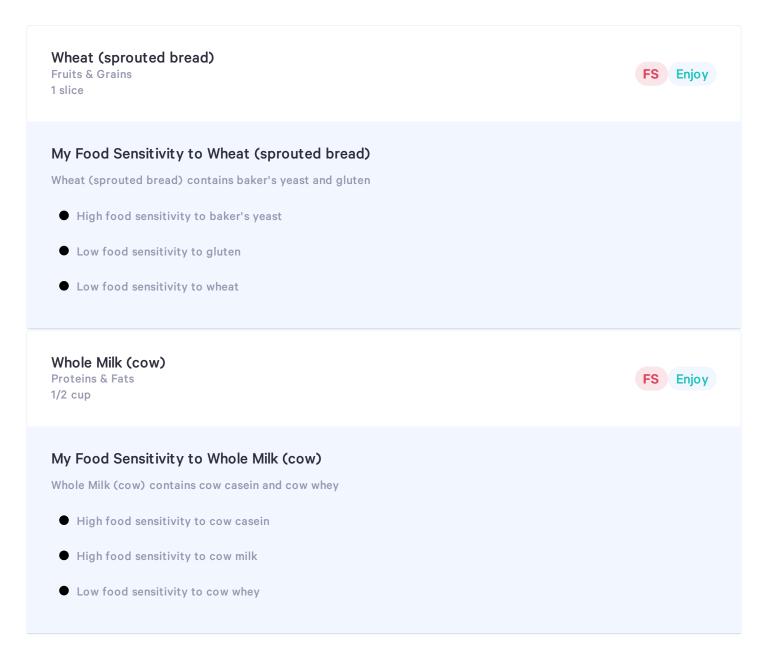




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Customer Name: Demo Two

DOB: 02/28/1998





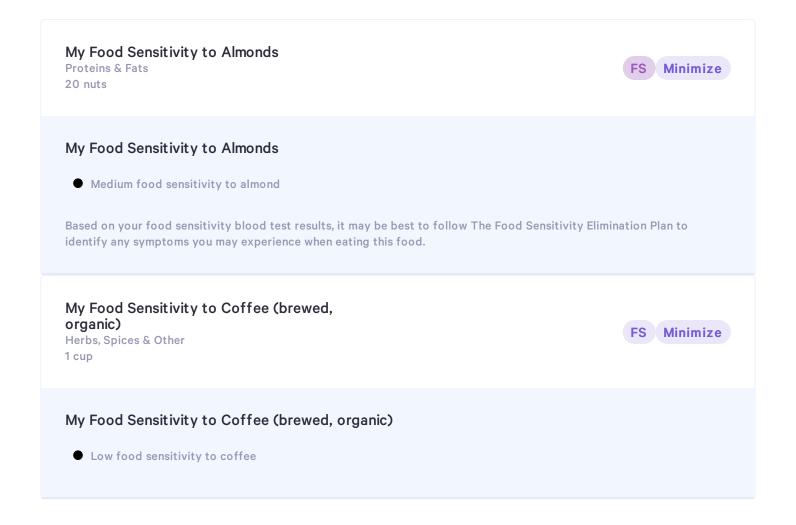
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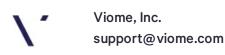
Customer Name: Demo Two

DOB: 02/28/1998

# My Foods to Minimize

We recommend you eat these foods within limits.

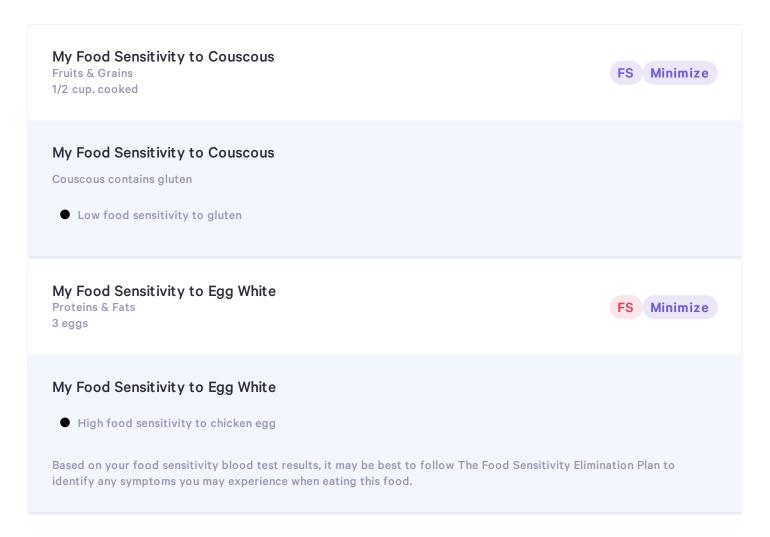




Test

Customer Name: Demo Two

DOB: 02/28/1998

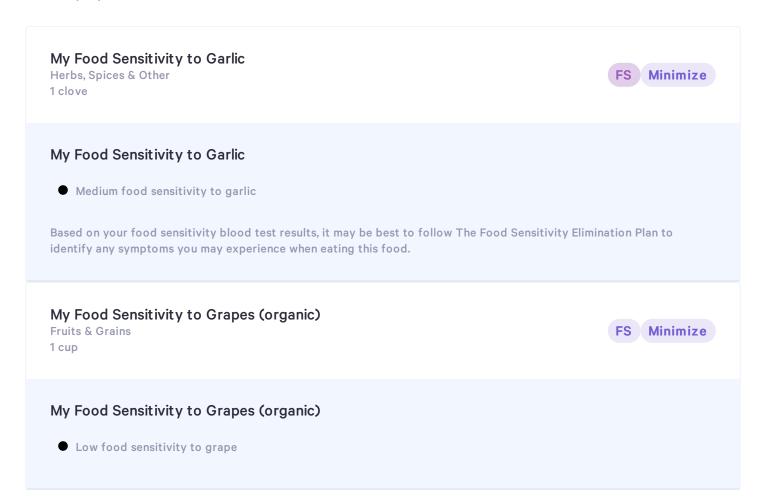




Test

Customer Name: Demo Two

DOB: 02/28/1998





Test

Customer Name: Demo Two

DOB: 02/28/1998

## My Food Sensitivity to Heavy Cream (cow, 33% fat)

Proteins & Fats 2 tablespoons



Minimize

#### My Food Sensitivity to Heavy Cream (cow, 33% fat)

Heavy Cream (cow, 33% fat) contains cow casein, cow milk, and cow whey

- High food sensitivity to cow casein
- High food sensitivity to cow milk
- Low food sensitivity to cow whey

Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.

#### My Food Sensitivity to Kale

Vegetables 1 cup



Minimize

#### My Food Sensitivity to Kale

Medium food sensitivity to kale

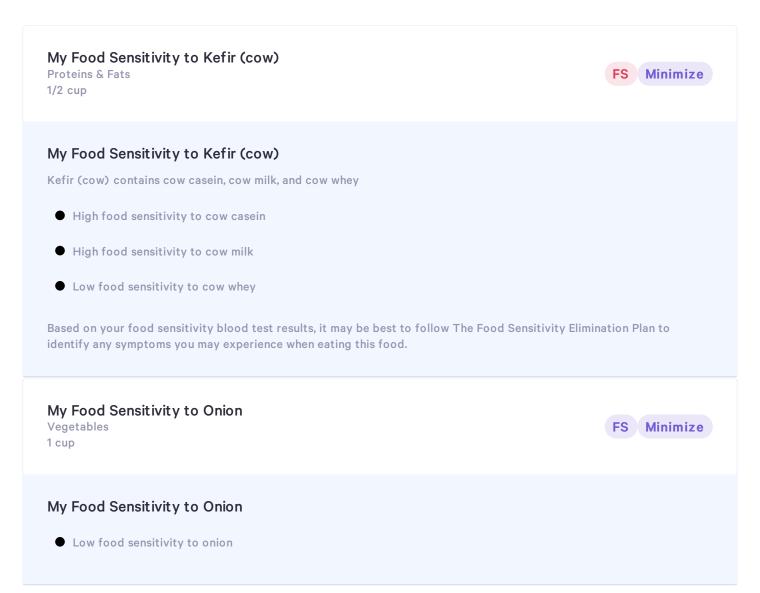
Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.



Test

Customer Name: Demo Two

DOB: 02/28/1998





Test

Customer Name: Demo Two

DOB: 02/28/1998

#### My Food Sensitivity to Rice Milk

Herbs, Spices & Other 3/4 cup



#### My Food Sensitivity to Rice Milk

Rice Milk contains rice

Medium food sensitivity to rice

Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.

#### My Food Sensitivity to Rice Noodles

Fruits & Grains 1/2 cup, cooked



#### My Food Sensitivity to Rice Noodles

Rice Noodles contains rice

Medium food sensitivity to rice

Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.



Test

Customer Name: Demo Two

DOB: 02/28/1998

#### My Food Sensitivity to Yogurt (cow, plain)

Proteins & Fats 1/2 cup



### My Food Sensitivity to Yogurt (cow, plain)

Yogurt (cow, plain) contains cow casein, cow milk, and cow whey

- High food sensitivity to cow casein
- High food sensitivity to cow milk
- Low food sensitivity to cow whey

Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.



Test

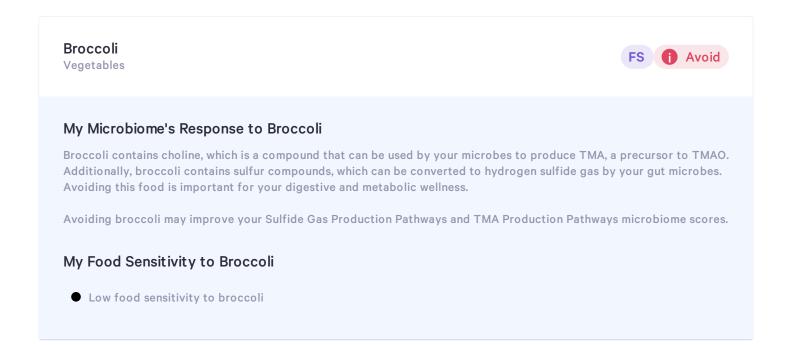
Customer Name: Demo Two

DOB: 02/28/1998

# My Foods to Avoid

### We recommend you avoid these foods

These are commonly known foods that will not benefit your overall wellness.





Test

Customer Name: Demo Two

DOB: 02/28/1998



Fruits & Grains





#### My Microbiome's Response to Brown Rice

Your microbiome contains Oryza sativa endornavirus, which is known to infect brown rice. Since plant viruses in the microbiome have been associated with an inflammatory response, it is recommended for you to avoid brown rice.

#### My Food Sensitivity to Brown Rice

Medium food sensitivity to rice

Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.

#### **Brussels Sprouts**

Vegetables



#### My Microbiome's Response to Brussels Sprouts

Brussels sprouts contains glucosinolates which has been shown to impair the absorption or utilization of essential nutrients if it is not degraded by specific microbes. An analysis of your data indicates that avoiding brussels sprouts will be beneficial for you.

Avoiding brussels sprouts may improve your Sulfide Gas Production Pathways microbiome score.



Test

Customer Name: Demo Two

DOB: 02/28/1998



Vegetables



#### My Microbiome's Response to Cabbage

Cabbage contains glucosinolates which has been shown to impair the absorption or utilization of essential nutrients if it is not degraded by specific microbes. An analysis of your data indicates that avoiding cabbage will be beneficial for you.

Avoiding cabbage may improve your Sulfide Gas Production Pathways microbiome score.

#### Egg Yolk

**Proteins & Fats** 





Avoid

#### My Microbiome's Response to Egg Yolk

Egg yolk contains choline, which is a compound that can be used by your microbes to produce TMA, a precursor to TMAO. Additionally, egg yolk contains sulfur compounds, which can be converted to hydrogen sulfide gas by your gut microbes. Avoiding this food is important for your digestive and metabolic wellness.

Avoiding egg yolk may improve your Sulfide Gas Production Pathways and TMA Production Pathways microbiome scores.

#### My Food Sensitivity to Egg Yolk

High food sensitivity to chicken egg

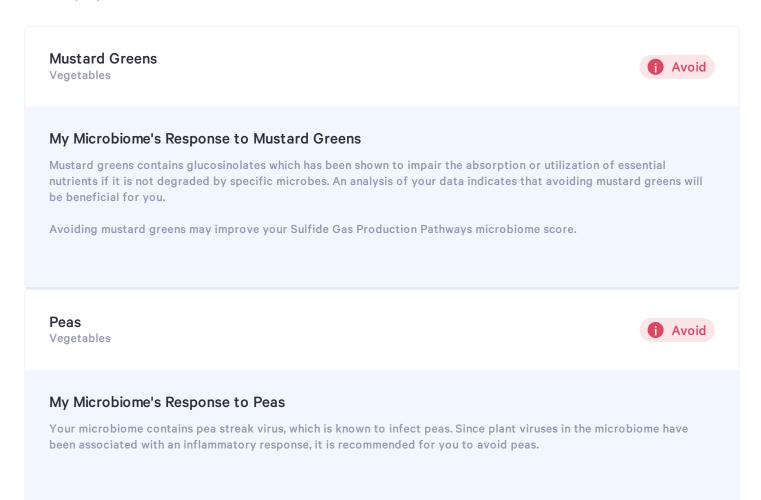
Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.



Test

Customer Name: Demo Two

DOB: 02/28/1998





Test

Customer Name: Demo Two

DOB: 02/28/1998

#### White Rice

Fruits & Grains





#### My Microbiome's Response to White Rice

Your microbiome contains Oryza sativa endornavirus, which is known to infect white rice. Since plant viruses in the microbiome have been associated with an inflammatory response, it is recommended for you to avoid white rice.

#### My Food Sensitivity to White Rice

Medium food sensitivity to rice

Based on your food sensitivity blood test results, it may be best to follow The Food Sensitivity Elimination Plan to identify any symptoms you may experience when eating this food.



Test

Customer Name: Demo Two

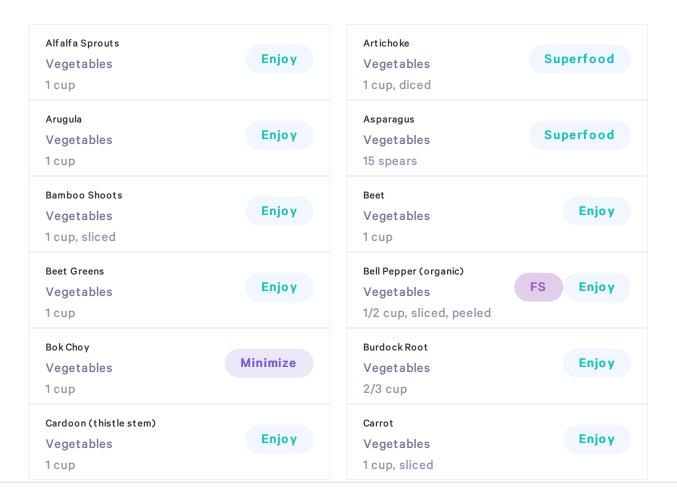
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#### My Foods

# Vegetables 6 per day

We recommend you break your daily Vegetables intake by the following servings

Superfood + Enjoy 5 •••••
Minimize 1 •

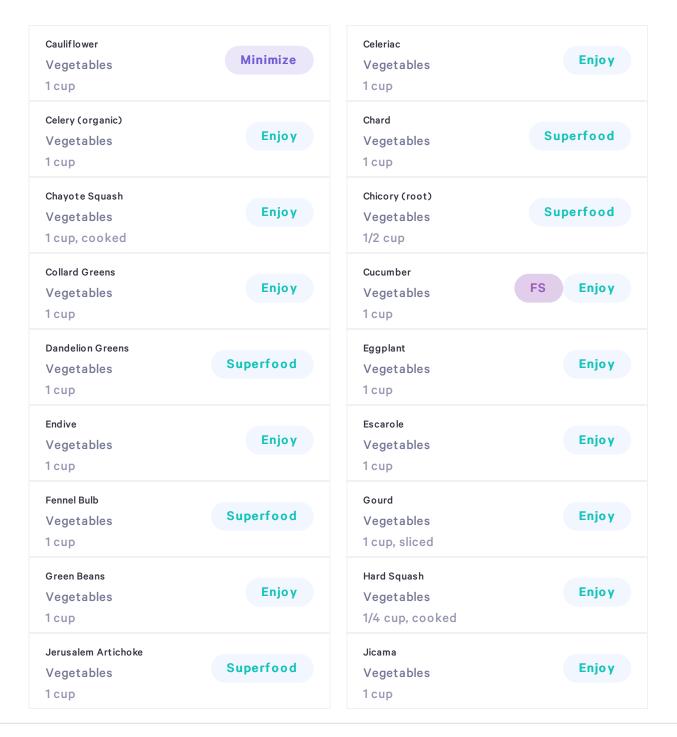




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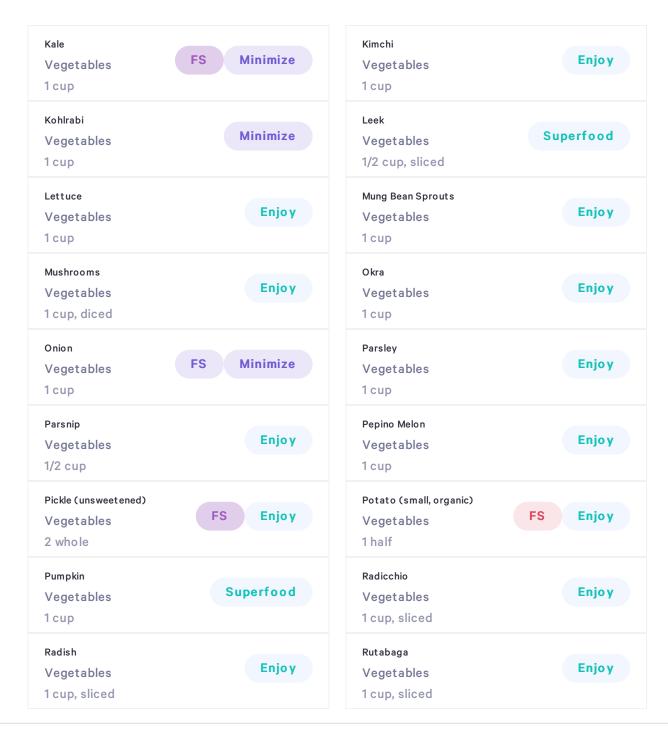




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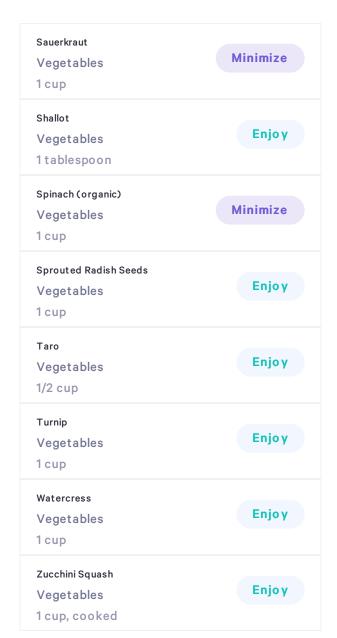


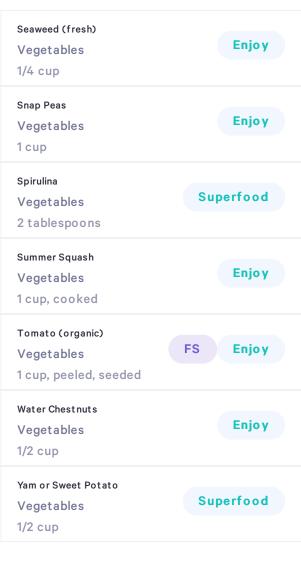


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Customer Name: Demo Two

**DOB:** 02/28/1998







Test

Customer Name: Demo Two

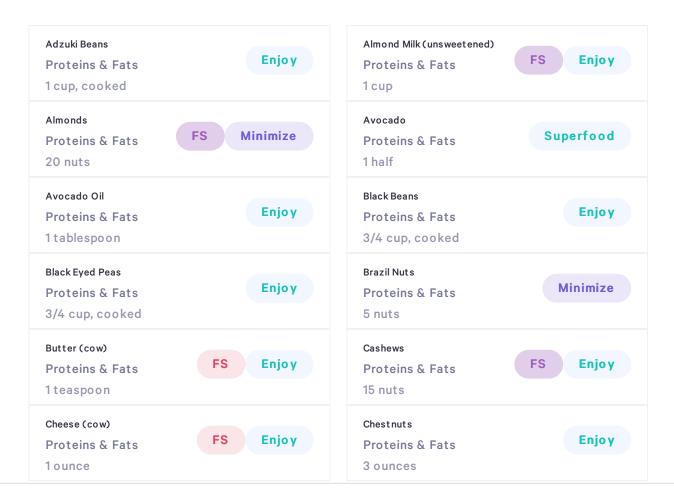
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### My Foods

# Proteins & Fats 5 per day

We recommend you break your daily Proteins & Fats intake by the following servings

Superfood + Enjoy 4 ••••
Minimize 1 •

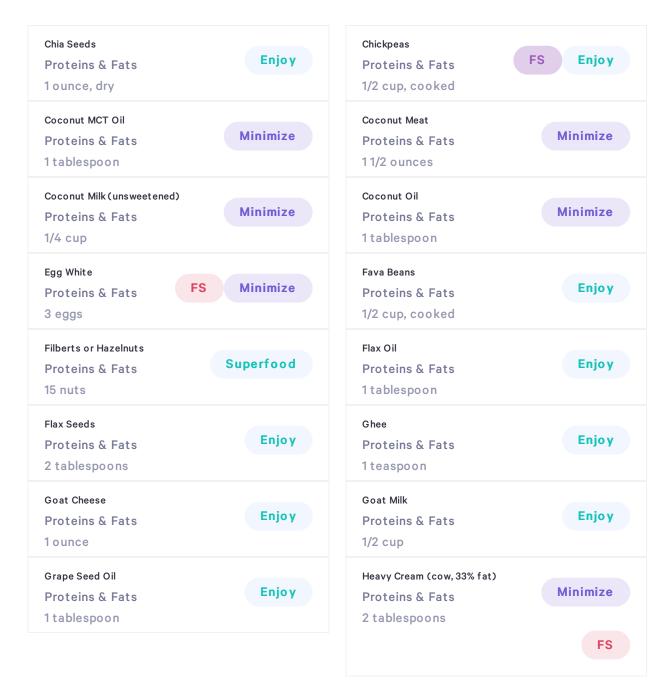




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DOB: 02/28/1998

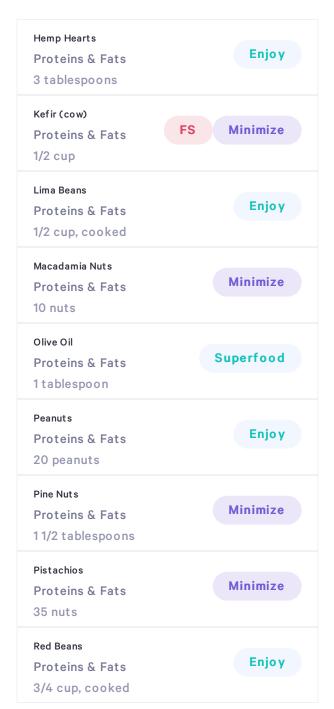


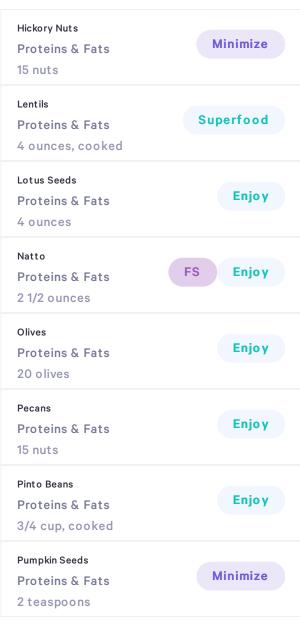


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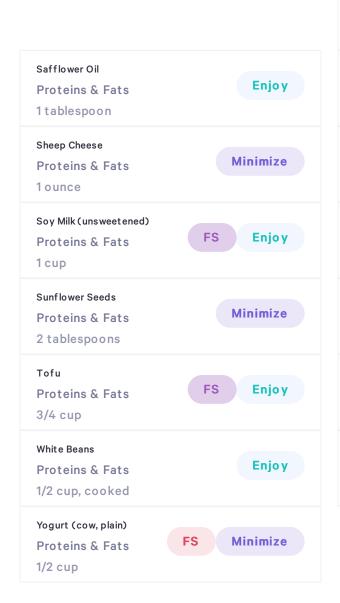


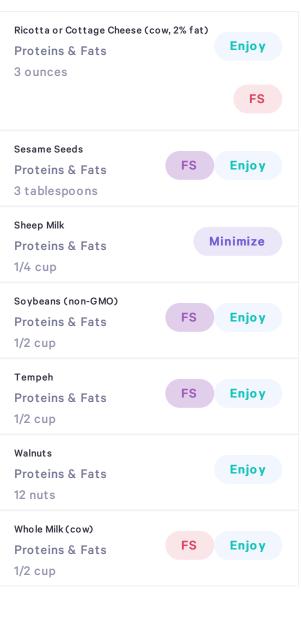


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DOB: 02/28/1998







Test

Customer Name: Demo Two

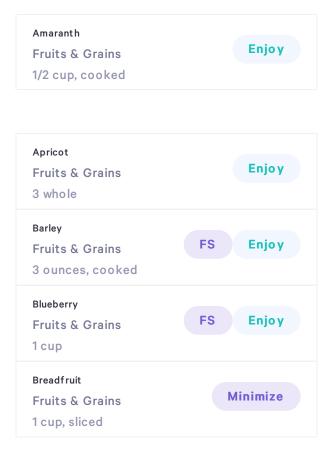
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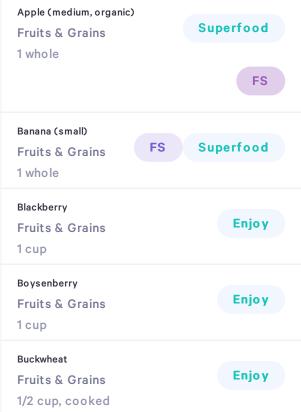
### My Foods

# Fruits & Grains 5 per day

We recommend you break your daily Fruits & Grains intake by the following servings

Superfood + Enjoy 4 ••••
Minimize 1 •



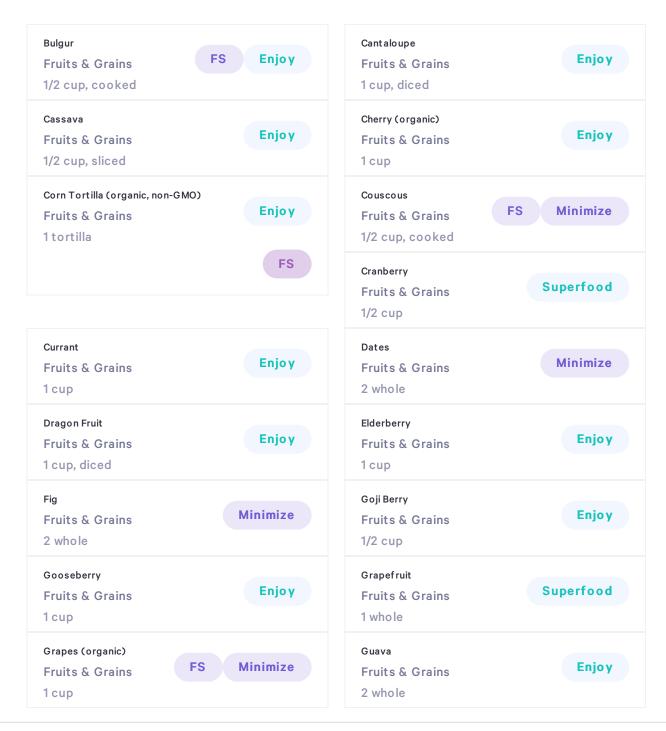




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**DOB:** 02/28/1998

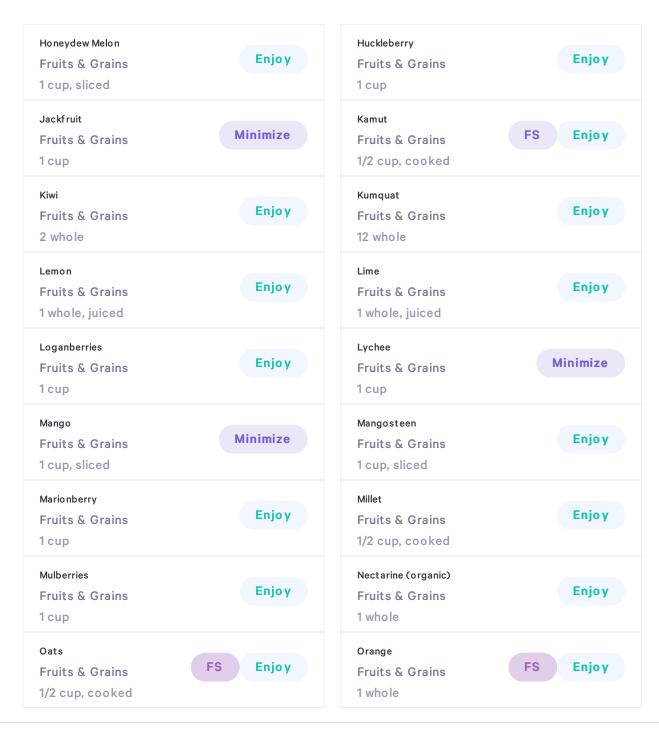




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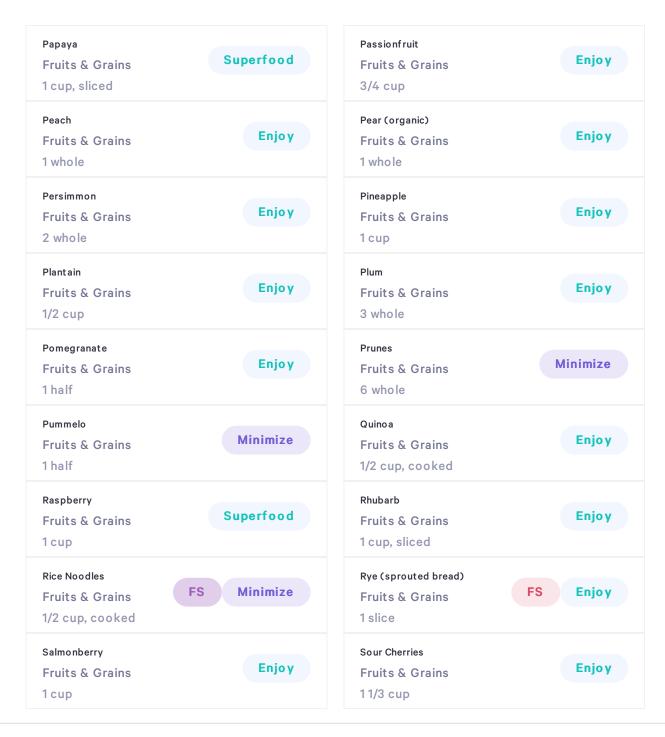




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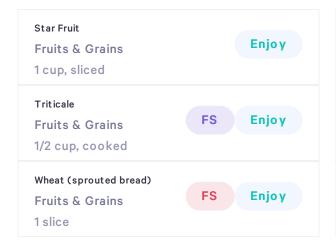


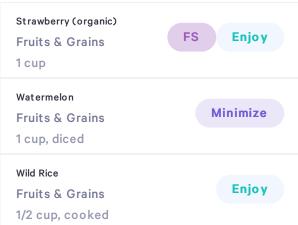


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**DOB:** 02/28/1998





Test

Customer Name: Demo Two

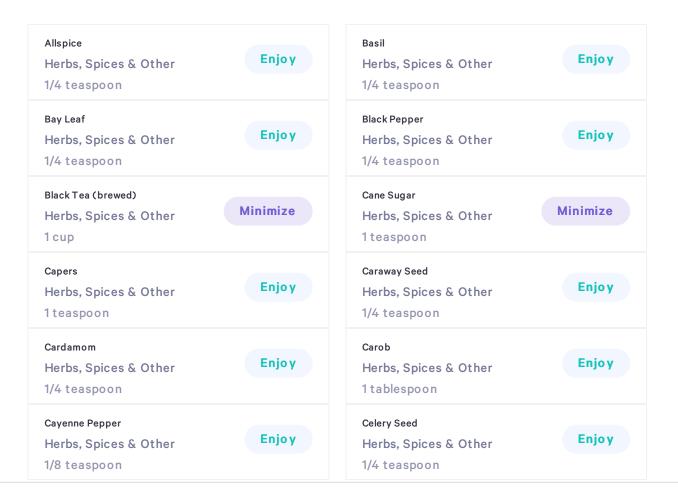
DOB: 02/28/1998

#### My Foods

# Herbs, Spices & Other 7 per day

We recommend you break your daily Herbs, Spices & Other intake by the following servings

Superfood + Enjoy 6 •••••
Minimize 1 •

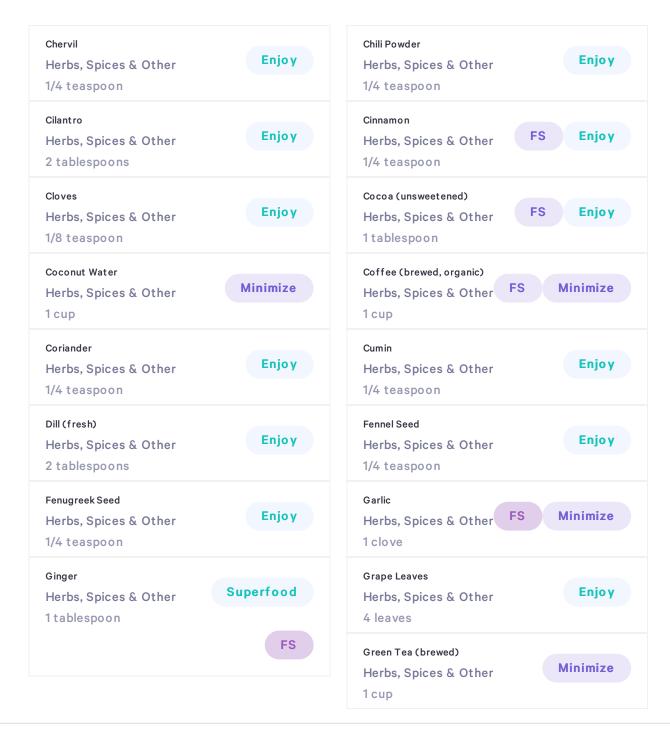




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DOB: 02/28/1998

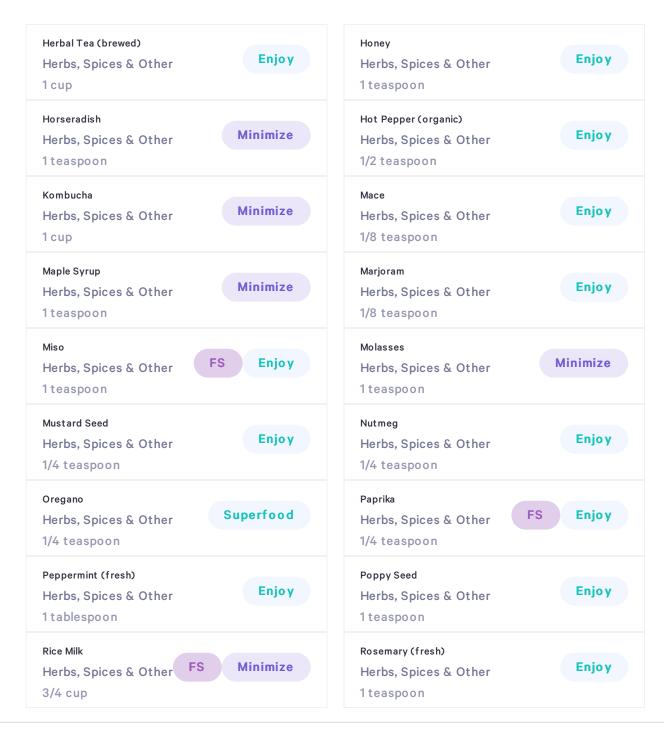




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DOB: 02/28/1998

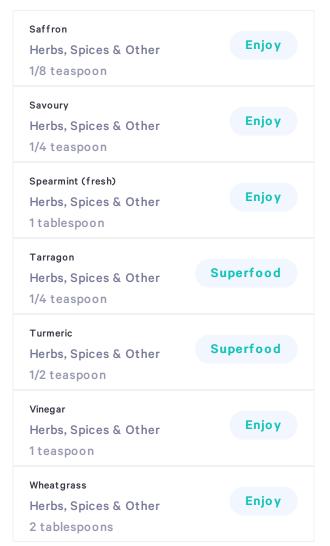


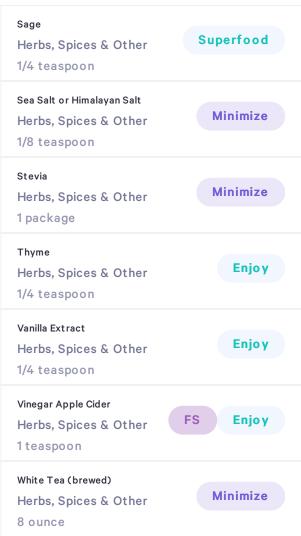


Test

Customer Name: Demo Two

DOB: 02/28/1998







Test

Customer Name: Demo Two

DOB: 02/28/1998

# **Supplements**

Recommendations are valid for 90 days. We recommend that you follow manufacturer's instructions or your health practitioner's advice to figure out what is most appropriate for you.



#### **Probiotics**

Look for supplements with the following ingredients:

L. rhamnosus, L. plantarum, L. bulgaricus, Bifidobacterium species (bifidum, longum, lactis, breve) and inulin

Offered by Klaire Labs, or other vendors.

To support the growth and activity of beneficial microorganisms and enhance the balance in your microbial ecosystem



#### **Mixed Polyphenols**

Look for supplements with the following ingredients:

Resveratrol, curcumin, green tea, quercetin and pterostilbene

Offered by <u>Thorne</u>, or other vendors.

To promote anti-inflammatory activities for optimum host-microbiome interaction



Test

Customer Name: Demo Two

DOB: 02/28/1998



#### **Butyrate**

Look for supplements with the following ingredients:

Butyric acid with magnesium and calcium

Offered by <u>BodyBio</u>, <u>Biotics Research Corp</u>, or other vendors.

To support your gut lining and protect it against any pro-inflammatory or harmful microbial activities



#### **Prebiotic**

Look for supplements with the following ingredients:

Fiber with jerusalem artichoke and acacia

Offered by <u>Hyperbiotics</u>, or other vendors.

To help specific microbes in your gut produce short-chain fatty acids, like butyrate, and other beneficial nutrients that can balance the microbiome or counter some of the pro-inflammatory or opportunistic activities

Viome recommendations are not evaluated or approved by FDA and are not required to be approved by FDA. The recommended food and supplements are intended to support general wellbeing and are not intended to treat, diagnose, mitigate, prevent, or cure any condition or disease. Please seek advice from your medical doctor and check all ingredients for contraindications, known allergies or sensitivities. Viome does not endorse or partner with any supplement manufacturers. There may be several brands or vendors listed as examples. However, Viome does not take any responsibility for the quality of any commercial products, which contain but are not limited to the ingredients recommended for you.



Test

Customer Name: Demo Two

DOB: 02/28/1998

### Viome Methodology

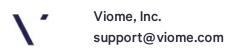
Microbial total RNA is extracted, ribosomal RNA molecules are removed from total RNA, and the remaining RNA molecules are sequenced on Illumina NextSeq or NovaSeq. Proprietary bioinformatics algorithms are used to perform taxonomic classification and functional analysis of the sequencing data.

The Food Sensitivity Intelligence Test measures all four classes of IgG antibodies reactive to specific foods using an ELISA method.

### **Method Limitation**

Viome's results and recommendations are based on our ability to identify and quantify thousands of microbial taxa. Such vast diversity has not been captured in the genomic databases, so it is impossible to assess it comprehensively. There are microorganisms that thrive in the gut whose genomes have not been sequenced. Viome is unable to identify those specific organisms, but can identify their near neighbors, which have similar homology. There are also taxa that we cannot discriminate because of their sequence similarity, for example at the strain level. There are some RNA transcripts that may not always align and match to specific known organisms, which may be due to the fact that these sequences are poorly characterized, reliable consensus sequence may not be available for reference. Viome monitors the growth of public genomic databases and will update its own databases when there is sufficient new information to be worthy of incorporation.

Detection of a microorganism by this test does not imply having a disease. Similarly, not detecting a microorganism by this test does not exclude the presence of a disease-causing microorganism. Further, other organisms may be present that are not detected by this test. This test is not a substitute for established methods for identifying microorganisms or their antimicrobial susceptibility profile. Results are qualitative and identify the presence or absence of identified annotated organisms. The Food Sensitivity Intelligence Test measures relative IgG antibodies reactive to 40 specific foods using an ELISA method. It cannot distinguish between different classes of IgG nor can it detect other classes of Antibodies which may be associated with food allergies. This test is not appropriate for making a diagnosis of food allergy.



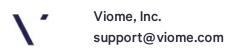
Test

Customer Name: Demo Two

DOB: 02/28/1998

The Gut Intelligence Test was developed by, and its performance characteristics determined by Viome Inc. It has not been cleared or approved by the US Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. This laboratory is registered under CLIA (32D2156145) to perform high complexity testing. Sequencing was performed at a lab that is not certified by CLIA conduct testing. The quality of sequencing is monitored and approved by Viome Inc. Contact Viome for any further questions.

The Food Sensitivity Intelligence Test was developed by, and its performance characteristics determined by Viome Inc. It has not been cleared or approved by the US Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. This laboratory is registered under CLIA (32D2156145) to perform high complexity testing. Contact Viome for any further questions.



# \'IOME

DEMO TWO'S RECOMMENDATIONS

**VERSION: 1.14.2**