

## Low Carb Breads of the World

Real Bread that Happens to be Low Carb



Joy Y. Kiddie, MSC, RD - The Low Carb Healthy Fat Dietitian



# Low Carb Breads of the World is a new category of low-carb bread. There are <u>NO</u> nut flours. <u>NO</u> psyllium or chia seed. NO xanthan gum. No guar gum. No inulin. No fathead-style dough. No whipped egg whites.



Low Carb Calzones



Low Carb Yeast-Rísen Pízza



Low Carb Naan



## Low Carb Sourdough English Muffins





## Low Carb Píta Bread



## Low Carb Baking Powder Biscuits

The breads in *Low Carb Breads of the World* are very different from conventional bread and other low-carb breads made from nut flours, cheese, or whipped egg white. Just as someone who bakes traditional bread needs to understand the difference between soft, hard, and all-purpose flour or between baking powder and baking soda, bakers of this new category of lowcarb bread need to know the "basics" of the ingredients with which they will be working.

Low Carb Breads of the World dedicates all of Chapter 3 to explaining the fundamental differences between traditional bread and the low carb and describes in detail the unique low-carb ingredients used to make these breads, the science (in simple terms) behind baking with them, the availability of the ingredients where to order them, and much more. A fundamental factor that needs to be understood before beginning to work with these ingredients is that <u>the more protein solids in a recipe</u>, the more <u>water is required</u>.

The baking industry has already determined how much water (or other liquid) is needed for bread made with different types of conventional flour (determined using a machine called a farinograph.) While the ingredients used in *Low Carb Breads of the World* are used in small quantities in commercial baking, they are used as **flour substitutes** in this book. Unfortunately, there is not yet any baking industry information available about the amount of water each ingredient needs when used as a flour substitute.

In addition, <u>the protein content varies not only</u> <u>between types of ingredients but within the same</u> <u>type</u>.

For example, whey protein powder is available with 30g, 24g, and 18g of protein per 30 g scoop. Which whey powder is used in a recipe will affect the bread's macronutrient content ("macros") and change the amount of water required. This same principle is true for each high protein, low-carb ingredient used as a flour substitute in the book, and several are used. The information in Chapter 3 of the book is not provided as interesting background information but is essential to read to be able to bake successfully using these ingredients. Without this knowledge it would be very challenging to make most of the breads in the book.

I have included in this booklet the recipe for the first low-carb bread of this type that I made in December of 2021 so you can get a feel for working with some of the ingredients. The recipe is on the following pages. I hope you enjoy it.

## Low Carb High Protein Yeast Bread

In addition to its excellent texture and crisp crust, the most impressive part of this bread are the macros!

#### Ingredients

1 cup (250 ml) lukewarm water 1 tbsp (12.5g) sugar 2 teaspoons (7g) dried baker's yeast  $1/4 \operatorname{cup}(20g) \operatorname{dried} \operatorname{egg}$ white powder + 2 tbsp. lukewarm water 3/4 tsp. (3g) fine sea salt 2/3 cup (80g) flaxseed meal 1/2 cup (50g) oat fiber 1.25 cups (180g) vital wheat gluten flour 1/3 cup (85g) salted butter, room temperature

#### Preparation

 Stir in sugar into the lukewarm water, sprinkle yeast on top and leave it to foam for 20-30 minutes.

2. Mix the dried egg white powder with the lukewarm water and set aside.

3. Put all the dry ingredients into a bowl, put the butter on top then pour in the yeast mixture and egg white mixture. Fold together with a spatula.

AWARNING

se read the ingredient list carefully

**AWARNING** 



## Low Carb High Protein Bread

4. Begin to knead the dough by hand in the bowl, then transfer to a clean, dry counter or board and knead by hand for 5 minutes, add in the salt, then knead 5 minutes more, until it's nice and smooth.

(can knead in a stand mixer if you prefer)



5. If you want, you can line the bread pan with parchment paper (soaking it in hot water for a few minutes makes it pliable but be sure to dry it off well before putting in the bread pan).



Or, you can simply put the dough directly in the bread pan to rise.



#### 6. Leave the bread to rise in a warm place for 1.5 hours.

I use the proof setting on my oven, but you can preheat the oven to 200°F (93°C), turn it off, open the door to let some of the heat out, then proof the bread in the oven without the heat, but the door of the oven closed.



7. Punch the dough down with a closed fist to remove as much air as you can, and then place it back in the oven to rise for another hour.



8. When the bread has risen, remove it from the oven (if you were letting in rise in there), then preheat the oven to 340°F (171°C).

9. Bake the bread for 40 minutes (or until the bread sounds hollow when tapped on the bottom).

10. Let cool on a wire rack.



11. Slice the bread into 18 slices (16 slices with 2 "heels").



#### 12. Enjoy with butter.





## Low Carb High Protein Bread

#### **Nutrition Facts**

Serving Size: 1 Serving

Amount Per Serving	1	% Daily Value*
Calories	112.7 kcal	6 %
Total Fat	5.6 g	9 %
Saturated Fat	2.5 g	13 %
Trans Fat	0.2 g	
Cholesterol	10.2 mg	3 %
Sodium	78 mg	3 %
Total Carbohydrate	5.2 g	2 %
Dietary Fiber	3.6 g	14 %
Sugars	0.2 g	
Protein	11.4 g	23 %
Vitamin A	2 % • Vitamin C	0 %
Calcium	2 % • Iron	5 %

daily values may be higher or lower depending on your calorie needs.

Full Info at cronometer.com



#### More than a Cookbook

Low Carb Breads of the World is not just a cookbook or a collection of recipes.

This book introduces low-carb ingredients needed for baking authentic bread and explains how to work with them successfully in different types of recipes.

Baking with these ingredients differs from baking with high-carb grain flours, and understanding the differences is essential to being successful in baking low carb bread.

The recipes in this book provide an opportunity to utilize these methods to produce a variety of breads of the world. Understanding the science behind using these ingredients will enable people to adapt their bread recipes to be low carb.

## Low Carb Breads of the World Real Bread

That Happens to be Low Carb



Joy Y. Kiddie MSc, RD The Low Carb Healthy Fat Dietitian

#### Contents

More Than a Cookbook 12
About the Author14
The "Why" Behind the Book16
INTRODUCTION18
Chapter 1: The History of Low Carb Bread26
The Mystery of the Oopsie Roll & Cauliflower Pizza28
Egg and Whey Protein Breads32
Fat Head Pizza & Breads Made from Cheese and Nuts 35
Low Carb Bake Mix / Flour Replacement 38
My Starting Point: Real Breads that Happen to be Low Carb 39
Variations on a Theme42
Postscript 43
Chapter 2 - Baking Basics 46
Different Types of Ounces 50
Measuring Liquid Ingredients 51
Measuring Dry Ingredients by Volume51
Measuring Dry Ingredients by Weight 52
Using a Scale to Weigh Dry Ingredients 53

3

#### Chapter 3: The Making of Bread ...... 54

Conventional and Low Carb Bread 55
Low Carb Bread Ingredients58
Availability of Ingredients81
Putting it All Together81
Experimenting with Variations85
Summary
References

#### Chapter 4: Yeast Breads...... 89

Fiber Mix (use as ingredient)	91
Low Carb High Protein Yeast Bread	92
Crusty Low Carb Multigrain-style Baguettes1	.02
Low Carb Braided Egg Bread (Challah)10	09
Low Carb Burger Buns1	18

#### Chapter 4: Yeast Breads (cont'd)

Spinach and Feta Stuffed Brioche120	
Low Carb Pizza Crust130	
Low Carb Sourdough English Muffins135	
Low Carb Crumpets146	
No-Knead Wheat-Style Bread148	

#### Chapter 5: Ethnic Breads..... 152

Low Carb Manakeesh 155	
Low Carb Za'atar Bread158	
Low Carb Middle Eastern Cheese Bread161	
Low Carb Middle Eastern Meat Pies164	
Low Carb Calzone168	
Low Carb Pita Bread176	
Low Carb Chapati / Roti185	

#### Chapter 5: Ethnic Breads (cont'd)

Low Carb Naan1	90
Low Carb Paratha	96
Low Carb Corn-Style Tortillas20	03
Low Carb Flour-Style Tortillas20	)9

## Chapter 6: Quick Breads and Decadent Exceptions

Low Carb Chocolate Chip Muffins215
Low Carb Chocolate Raspberry Scones221
Low Carb Baking Powder Biscuits226
Low Carb Chocolate Chip Pancakes233
Low Carb Zucchini Bread238
Low Carb Chocolate Zucchini Loaf245
Low Carb Cinnamon Rolls250

FINAL THOUGHTS	
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214



### Do you wish that low carb bread could be made from something other than nut flours such as almond flour and coconut flour, cheese, and beaten egg white?

Now they can.

Low Carb Breads of the World is a new class of low carb bread. These breads do not contain any nut flour and while cheese and egg may be included as ingredients, they do not form the basis of the bread. They contain no psyllium, chia seed, xanthan gum, guar gum, or inulin, as these ingredients often cause people digestive issues.

Low Carb Breads of the World removes several barriers that people have to adopting a low-carb lifestyle and make culturally appropriate and ingredient-appropriate bread available to people from bread-centric cultures that have high rates of type 2 diabetes, including those from Southeast Asian and Hispanic backgrounds.

Low Carb Breads of the World are 'real bread that happen to be low carb.'



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#### Low Carb Breads of the World will be available to purchase and download <u>as of July 1, 2022</u>, and will sell for \$24.99 (USD), plus tax.

#### Click here to order.

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