Fagron NutriGen

Professional nutrigenomic counselling



Š

Fagron NutriGen Professional nutrigenomic counselling

Fagron NutriGen is an innovative nutrigenomic algorithm for personalizing nutrition, supplementation and weight loss planning.

Nutrigenomics

Nutrigenomics is the science analyzing and understanding how an individual's genetic makeup responds to dietary intake.

Intended use

Fagron NutriGen is intended to assist health professionals in making specific care decisions to prevent hereditary health risks. It analyses 109 genetic predispositions with a significant impact on health and nutrition-related parameters and combines this data with the analysis of patient's anamnesis to recommend the most appropriate health and nutritional advice.



"Inherited risk factors determines 40-70% of individual BMI¹⁻²."

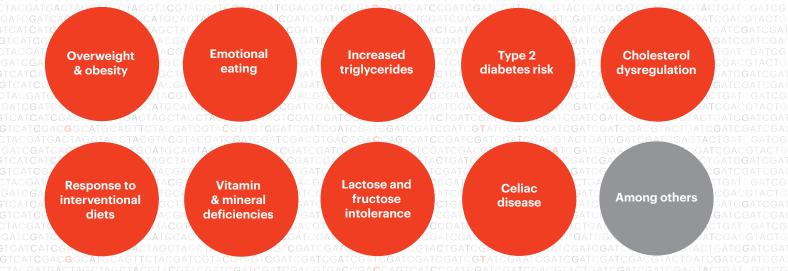
Patient's motivation

Research has shown that personalized DNA-based dietary counselling can increase motivation and enhance diet compliance compared to general guidelines^{2,3}.

What is evaluated?

Fagron NutriGen combines the analysis of 109 health and nutrition-related genetic predispositions (obesity, diabetes, triglycerides, celiac diseases, responses to exercise and interventional diets, vitamin & mineral deficiencies, among others) with relevant patient's anamnesis (intolerances, diseases, medication, blood pressure, physical activity and habits, among others).

The suggested diet plan considers the following predispositions:



Professional nutrigenomic counselling

Our panel of 109 genetic tests is exclusively based on peer reviewed replicated studies. Genotyping assay is based on the DNA microarray technology guaranteeing more than 99% of of reproducibility and sensibility.

A multidisciplinary team of medical doctors, nutritionists, pharmacists, geneticists and programmers, following highest quality standards, was involved in the development and validation of the Fagron NutriGen algorithm.

Nutritional values were selected from the European Food Information Resource, authoritative source of food composition data for nutrients, and bioactive compounds with potential health benefits.

Active ingredients and dosages from the TRC Natural Medicines Database, the most authoritative resource on dietary supplements, herbal medicines, and complementary and integrative therapies, were also included.

Fagron Genomics has been granted a manufacturing license for the development of In Vitro Diagnostics (IVD) Medical Device Software.



Fagron NutriGen procedure

Kit content:

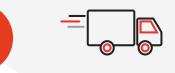
- 1x Swab tube
- 2x Patient consent form
- 1x Instructions
- 2x ID-labels
- 1x Biohazard bag
- 1x Shipping Courier bag



1. Collect the DNA sample according to the instructions.



3. Send the sample following the process agreed with your sales representative.



2. Register the kit and complete the patient questionnaire online at www.fagrongenomics.com

	Create _nutritest
::: Fagron	-YALID GENETIC TESTS
genomics	
	"Mit angle cale
Log in	Cross # splot
Inal	I Accepting perform the test according to the convent
	SCOFF QUESTIONNURE FOR EATING DISORDERS
Passed	"To use make partial distingues provide exceedentialy full"
	12
Otementerine	
	"How you mustly but near that hilly is the part 2 months?
Log in	3 2
0-2021 - Pageon	"Weak" yes up had deviates yes Ref.
Phony statement Cookies	12

4. Results are provided in 4-5 weeks.

Effice 01				Risks	Genetic results							
01	Angerran genetic reading				10 August parts and	h-latin						
3	Conf. Dergelans verbilden spes open obereten eine seine in det einer der konnen dere bereiten eine seiner einen der konnen dere aufrichenten eine stehen eine seine der person person seine der einer seine der seine der einer seiner seiner seiner bereiten seine der einer seiner seiner seiner bereiten seine der einer seiner seiner seiner bereiten seine deres einer seiner seiner seiner bereiten seine deres einer seiner seiner seiner bereiten seine deres einer seiner seiner seiner bereiten seiner bestehen seine seiner seiner bereiten seiner bestehen seine seiner seiner seiner bestehenden seiner bestehen seiner seiner seiner bestehenden seiner bestehen seiner s	A 7		· ·	And and a second	(3), 54	1000			1111		
	manufacture angle in the plan.			04	10.000						-	
	NUM.							• •			-	
8	Register Shartware in London normalid	Planet	-	united and a second second	Red of addressed Topportion 100, who							
	671 Beparticipaticionesitationila	Table Parts		Publisher in temporal	And of increased spaces lands a particular lands			1	family reducing to the	-		-
99	mentals to use of messarily in Andry 1.1 messarily reputationized partics. Schema, for	And Street		Addressed at					and the second second	-		
	and	and the second		Exclusion is proposed register in the second	Ref. of Audio Sciences				Antipotion to Antipotion unition to an		-	-
0	Robusty / entriprocedure Television Television double work work work of	man Paul								100		-
	r m	1 10 10 10 10					-910	: :				
180	Rate Aces (Law resider Aces) in Aces					1980			Read to the product of		-	-
0	Balls Annual proto character	_	74.5	Supplements of heresteen 05	1417 (411880)							
	Annual and a sequence of a seq	1	(2)	(3)		-			Andreador & Andreador angeleter Ball	14000		-
101	Balan raya and lenge and the Part of			T					- Contraction In-	-		-
02	Making Rockey	inspirate (bitsay) - A	-	10000	Do tel solitita				Mercentro			-
16	am (mm) (mm)	10.100	And Andrewson States	Magnetian.	to see a	-	-		Labor Polyage 14			1
	And Description Respects		April Ballers April 17	Anna Carlos	Intel Tests patients		- 20	- •				-
١.	1								to days			
					· Super-	Bingdon albas			abar after	Patrolat		
				I Fearen								

Fagron NutriGen report

Once patient's **questionnaire is complete** and genetic data available, **reports** can be **viewed and downloaded** from a **secure personal area**. Our digital healthcare platform **meets the requisite regulatory and data protection** standards. Report includes:



Summary of patient characteristics



Full genetic analysis and explanation



Suggested 3-phase personalized supplementation plan

References

- I. Goordazi MO. Lancet Diabetes Endocrinol. 2018;6(3):223-236.
- 2. Maes HH, et al. Behav Genet. 1997;27: 325–51.
- 3. Ordovas JM, et al. BMJ. 2018;13;361:bmj.k2173.

LEGAL DISCLAIMER

Fagron Genomics, S.L.U carries out genetic tests upon request by healthcare professionals, in relation to biological samples from patients obtained by the healthcare professional. Our tests do not replace a medical consultation, nor do they make up a diagnostic or treatment, nor should they be interpreted this way. Only healthcare professionals can interpret the results of said tests, based on their knowledge of the clinical records of the patients and other relevant factors and, under their responsibility, give a diagnostic or prescribe treatment to the patient. We decline all responsibility derived from the use and interpretation of the results of our tests by the solicitant healthcare professional.

Fagron Genomics, S.L.U expressly reserves any legal actions in case of an innapropiate, negligent or incorrect use or interpretation of the results of our tests. It is the responsibility of the healthcare professional who requests a test to guarantee to the patient the appropriate genetic advice as foreseen by Law 14/2007, of 3rd July, of biomedical research. As Fagron Genomics, S.L.U does not have access to the personal identifiable information about the patient from whom the sample comes, it is the responsibility of the requesting healthcare professional to comply with the applicable data protection Laws and regulations.

Fagron Genomics, S.L.U. C/ de les Cosidores, 150 08226 Terrassa Barcelona (Spain)



