NUGENE Product Summary

Name of test	Code	Components Analyzed/ Description	# of Genes
NUGENE Weight, Nutrition & Sport	GSNWN1	**A- METABOLISM AND MACRONUTRIENTS** 1. Response to Carbohydrates (3 genes) 2. Response to Total Fats (5 genes) 3. Response to Unsaturated Fats (4 genes) 4. Response to Proteins (3 genes) 5. Basal Energy Expenditure (2 genes) **C- WEIGHT MANAGEMENT** 1- Obesity Risk (5 genes) 2- Weight Regain (3 genes) 3- Waist Circumference (3 genes) 4- Response to Calorie Restriction (3 genes) 5- Exercises Effect on Weight (4 genes) **E- CAFFEINE** 1. Caffeine consumption (5 genes) 2. Effect on sleep (1 gene) 3. Coffee taste (3 genes) 4. Metabolism of caffeine (1 gene) 5. Sensitivity to caffeine (1 gene) **B- MICRONUTRIENTS** 1- Vitamin A (2 genes) 2- Vitamin D (3 genes) 3- Vitamin B6 (1 gene) 4- Vitamin B9 - Folate (4 genes) 5- Vitamin B12 (2 genes) **D- SPORT PERFORMANCE** 1- Endurance (8 genes) 2- VO2 max (5 genes) 3- Anaerobic Threshold (3 genes) 4- Power (7 genes) 5- Lean Body Mass (1 gene) **F- LACTOSE** (1 gene) **B- MICRONUTRIENTS (Cont)** 6- BMD & Ca Intake (3 genes) 7- Selenium (2 genes) 8- Magnesium (2 genes) 9- Iron (4 genes) 10- Omega-3 (3 genes) **D- SPORT PERFORMANCE (Cont)** 6- Hypertrophy Response (1 gene) 7- Injury Risk (3 genes) 8- Recovery (3 genes) 9- Warrior vs Worrier (1 gene)	105

Tests Description

- The NUMED DNA tests help your patients understand how their genes variations affect their weight, nutrition status and sports performance. Parameters analyzed help understand the relation between the different macronutrients and micronutrients in the diet and other genetic components related to weight loss/regain, metabolism and sports performance
- State-of-the-art DNA testing (using genotyping with Sequenom's MassArray method) and interpretation with the highest results credibility through the combined work of the European company (***MyInnergo***: UK and Estonia) and the USA lab (***Roswell Park Cancer Institute New York***: the first USA lab for cancer genetics: founded in1898)
- Gene testing, analysis and interpretations are performed by a professional board of advisors and scientists in the Genetic, Nutrition and Health fields.
- Genes mutation tested are highly related to the components analyzed in Gulf and Middle East populations
- Fast and easy to perform by collecting mucosa cells through saliva swabbing
- Can only be sold to healthcare professionals