



Juvenalis

WELLNESS TESTING
BY EUROFINS BIOMNIS



www.juvenalis.com

Preventive clinical biology is a modern medical approach to identify possible alterations in the body's biological and physiological mechanisms over time in order to monitor these and ultimately to contribute to maintain an optimum state of health and personal well-being.

Juvenalis and its clinical expert provide assays of relevant biological parameters, selected according to specific and personalised criteria.

MiniCheck & BasicCheck



Oxidative stress, micronutritional deficiencies, low-grade inflammation, metabolic or hormonal imbalances ... the alteration of a patient's basic state of health can be underpinned by various mechanisms.

MiniCheck and BasicCheck are two first-line assessments in preventive biology.

MiniCheck analyses 7 fundamental parameters, in preventive biology. BasicCheck offers a more specific analysis with 9 parameters

to give you an additional overview of the antioxidant status and balance of

thyroid, digestive or cardiometabolic markers.

All the parameters in these panels allow an early detection of possible deleterious processes involved in pathologies related to ageing.

MiniCheck

CRP Ultrasensible	Sélénium
Homocystéine	LDL oxydées
Vitamine D	Coenzyme Q10
Zinc	
Results within 4 weeks	

BasicCheck

CRP Ultrasensible	Vitamine A
Acide urique	Vitamine E
TSH	Cuivre
T3 Libre	Zinc
Hémoglobine glyquée	Sélénium
Ferritine	LDL oxydées
Homocystéine	IgG caséine
Vitamine D	Coenzyme Q10
Results within 4 weeks	

AgeCheck Woman

Ageing affects women in a variety of ways – physically, physiologically and biologically – so it is important to detect any warning signs as soon as possible so that the underlying issues can be optimally managed. The most relevant biomarkers are nutritional and metabolic. The assay of these markers, through the AgeCheck Woman analysis, is suitable for any patient wishing to maintain her biological equilibrium, especially in order to prevent premature ageing.

CRP Ultrasensitive	Free T3
Ferritin	Vitamin D
Candida serology	Coenzyme Q10
IGF-1	Homocysteine
DHEAS	
Results within 3 weeks	



AgeCheck Man

The ageing process in men causes hormonal and metabolic changes, which are key indicators in terms of preventing harmful effects. Cardiovascular risk markers play an important role here, combined with those relevant to ensure an optimum macro- and micro-nutritional balance.

CRP Ultrasensitive	Lipoprotein(a)
Bioavailable testosterone	Vitamin D
Pregnenolone sulphate	Homocysteine
Free T3	Coenzyme Q10
Results within 3 weeks	



DermaCheck

Our skin is exposed to a number of negative environmental factors (pollution, toxic substances, stress, etc.) on a daily basis and is likely to be subject to vitamin and trace element deficiencies. As our first line of defence, our skin can also reflect other deeper lying problems. DermaCheck is the first step in terms of assessing the health of your skin as well as follow-up for monitored supplementation.

Vitamin A	Selenium
Vitamin E	Iodine
Zinc	IGF-1
Copper	Ferritin
Results within 2 weeks	

DigestCheck

The gut is sometimes referred to as the body's 2nd brain and plays a major part in maintaining our health. The balance between gut mucosa, flora and our immune system helps to compensate for the physiological or pathological variations caused by infection, inflammation or hyperpermeability. This balance also plays a role in a variety of other chronic inflammatory or auto-immune diseases, regardless of whether or not there are digestive symptoms. DigestCheck will guide the specialist in selecting any additional examinations.

Physical/chemical examination	Faecal secretory IgA
Faecal beta-2 defensin	Faecal zonulin
Calprotectin	Faecal alpha-1 antitrypsin
Blood in stool	
Results within 2 weeks	



NutriCheck

As supplements to "macro-nutriments" (carbohydrates, fats, proteins and fibre), micro-nutriments are crucial in maintaining a healthy, balanced diet. The NutriCheck analysis evaluates vitamin and mineral levels as well as essential trace elements and essential fatty and amino acids.

It can indicate any deficiencies and/or surfeits to be corrected, allowing timely intervention before a pathology actually occurs. This test also helps to monitor the impact of a change in diet and/or the intake of supplements, which should be monitored to prevent any potentially harmful effects.

Albumin	Copper
Prealbumin	Zinc
Vitamin A	Selenium
Vitamin E	Erythrocyte fatty acids
Vitamin D	Homocysteine
Ferritin	
Results within 4 weeks	



FertiCheck Woman

In both women and men, the (micro)nutrients of a varied diet are one of the key factors in optimising fertility. A healthy diet is also essential for the healthy development of the unborn child. The FertiCheck panel is a preliminary exploration of the future mother's biological status some keys on how to improve it in order to increase the chances of pregnancy.

CRP Ultrasensitive	Vitamin A
Magnesium	Vitamin D
Zinc	Homocysteine
Selenium	Coenzyme Q10
Copper	Ferritin
Vitamin B9 (erythrocyte)	Free T3
Vitamin E	Erythrocyte fatty acids
Results within 4 weeks	



FertiCheck Man

In men and in women alike, (micro)nutrients of a varied diet are key factors in optimising fertility. The FertiCheck panel can help contribute to establish optimum conditions for the creation of high quality sperm and then optimise fertility.

CRP Ultrasensitive	Vitamin A
Magnesium	Vitamin E
Zinc	Homocysteine
Selenium	Coenzyme Q10
Copper	Erythrocyte fatty acids
Results within 4 weeks	



VeggieCheck

Vegetarian and vegan diets are more and more popular among an increasingly environment and health public awareness. Associated dietary deficiencies can generally be easily managed if they are prevented by the appropriate supplements. Regular monitoring of (micro)nutritional status, as provided by VeggieCheck, means that persons on such diets can enjoy them safely and healthily.

Albumin	Vitamin B9 (erythrocyte)
Ferritin	Vitamin B12
Zinc	Homocysteine
Vitamin A	Erythrocyte fatty acids
Vitamin D	Iodine
Results within 4 weeks	

Minerals

Trace elements are essential for health. Deficiencies may be due to insufficient intake or excessive losses (by excretion, for example) and may result in significant metabolic disturbances. This analysis quantifies the most important trace elements.

Zinc	Copper
Selenium	Iodine
Magnesium	Iron
Results within 1 week	



Vitamins

Vitamins are essential for the growth, equilibrium and health of the body, both physically and mentally. Vitamin deficiencies can lead to various disorders, sometimes without obvious symptoms. Vitamins panel enables to assay the most common vitamins and to identify potential deficiencies.

Vitamin A	Vitamin B9 (erythrocyte)
Vitamin B1	Vitamin B12
Vitamin B2	Vitamin C
Vitamin B3	Vitamin D
Vitamin B6	
Results within 2 weeks	

Nutritol™ food intolerances analyses



Food intolerances (or hypersensitivity) may be linked to low-level chronic inflammation within the digestive system or elsewhere as a result of the production of specific types of IgG caused by certain types of food linked to changes of the intestinal permeability. **Eliminate these foods from your diet could help reducing the inflammation and lead to an improvement or even a complete disappearance of symptoms and their associated pathologies.**

The lists of analysed foodstuffs are posted on our website www.juvenalis.com

Panel	Description
Nutritol²⁵	Analysis of 25 common foodstuffs such as gluten for screening of NCGS**, cow milk and certain fruits and vegetables.
Results within 2 weeks	
Nutritol⁵⁰	Analysis of 50 foodstuffs: various types of meat, vegetables, cereals and dairy products.
Results within 2 weeks	
Nutritol^{50VEGAN}	Analysis of 50 plant foodstuffs: cereals, fruits, vegetables and spices.
Results within 2 weeks	
Nutritol¹⁰⁰	Analysis of the 100 most important foodstuffs: dairy products, meat, fish, fruits and vegetables.
Results within 2 weeks	
Nutritol²⁷⁰	Analysis of 270 foodstuffs and additives: various types of meat, vegetables, fruits, grains, dairy products, eggs, their substitutes and regional specialities. Eggs, spices, tea, coffee, wine tannins, thickeners and preservatives.
Results within 2 weeks	

**NCGS: Non-coeliac gluten sensitivity

An apple a day keeps the doctor away !

Even if there is still some truth in this adage, it takes more than an apple to keep us in optimum health these days. We now have to constantly cope with a number of negative factors, such as pollution, stress, imbalanced nutrition, which are further aggravated by physiological changes related to ageing (hormonal imbalances, reduced immunological defences, slower metabolism) contribute to senescence processes which may be organic or ultimately intracellular.

We now have to take responsibility for our own health to ensure that we age well by means of preventative clinical biology and maintain the core balances vital to our health.

4P: The future of clinical biology

PREVENTIVE,

because it permits early diagnosis of imbalances, deficiencies or excesses before symptoms even appear.

PREDICTIVE, PERSONALISED,

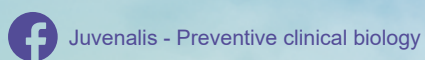
because it is able to determine the probability of pathologies occurrence.

because it is a holistic patient-centred approach, taking into account the patient's personal, biological, medical and environmental history.

PARTICIPATIVE,

because the patient is placed at the centre of the therapeutic or care approach and is co-determining the diagnosis, prevention and treatment options.

To find Juvenalis partner laboratories,
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