

INTERNATIONAL DIAGNOSTIC SERVICES

S/+

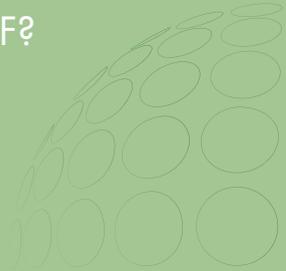
Evaluation of Food hypersensitivity



CALDERÓN
CENTRO DIAGNÓSTICO

WHAT DOES S/+ CONSIST OF?

S/+ is the trademark registered by Centro Diagnóstico Calderón, that measures food sensitivity reactions in blood.



TYPE OF SAMPLE



Blood

Laboratory extraction (venous blood)
Finger prick (capillary blood)

METHODOLOGY

- Advanced microarray technology that quantifies specific **IgG levels against more than 200 foods.**
- Each food is valued **twice**, guaranteeing reliability of the results.



PANELS TYPE

S/BASIC+

IgG against **89** foods

S/200+

IgG against **211** foods

S/132+

IgG against **132** foods

S/V150+

IgG against **150** foods
of the lacto-ovo-vegetarian diet

WHICH PATIENTS ARE ELIGIBLE FOR THE TEST?

Food sensitivity is a type of adverse reaction different from type I allergy, but with similar symptoms, such as:

 <p>Abdominal swelling after digestion</p>	 <p>Heavy digestions</p>	 <p>Irritable bowel</p>
 <p>Constipation</p>	 <p>Headaches</p>	 <p>Respiratory problems (rhinitis, asthma)</p>
 <p>Eczema</p>	 <p>Joint pain</p>	 <p>Muscle pains</p>
 <p>Fluid retention</p>	 <p>Child hyperactivity</p>	 <p>Autism</p>
		 <p>Depression</p>

S/+ It is essential to detect other types of digestive pathologies that may share these symptoms.

PROFESSIONAL PROFILE FOR THE PRESCRIPTION OF S/+

S/+ **does not require a medical prescription**, however, it is very useful for professional staff in the following areas:



- Digestive Medicine
- General medicine
- Clinical laboratory
- Pharmacy with medical advice or diagnostic services
- Nutritionists

PROCEDURE

Even if S/+ is performed on **venous blood**, it only uses **the serum** of the sample.

Subsequently, the extraction center must send **1 tube of centrifuged blood** to Centro Diagnóstico Calderón.

The patient's blood must be **centrifuged the same day** it is drawn.



IMPORTANTE

Patient fasting is **not essential**, although it is recommended.

Likewise, patients should **not take antihistamines, immunosuppressants or corticosteroids** during the **7 days prior** to taking samples.

LOGISTICS



It is recommended to send the sample on **the same day of the extraction**. Serum is stable for up to **4 days**.

The logistics will be carried out with the **usual transport company of the partner center**, ensuring the arrival of the sample within the aforementioned period.

TIMINGS FOR ANALYSIS AND RESULTS

5 BUSINESS DAYS



(from the reception of the sample)

After which Centro Diagnóstico Calderón will send the results to the partner Center by email.



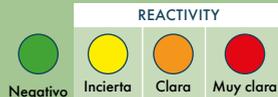
RESULTS REPORT

Depending on the amount of IgG detected against a food, it is classified as: **negative**, **uncertain reactivity**, **clear reactivity** and **very clear reactivity**.

These results are cataloged by colors and with the (+) sign:

SPICES	STARCHES	FRUIT
Cinnamon	Chickpea	Apple
Sesame	Corn/ Corn Oil	Apricot
Oregano	Pea	Avocado
Mustard	Lentils	Banana
Parsley	Broad beans	Date
Black pepper	Oatmeal	Grape
Laurel	Potato	Grapefruit
Mint	Rice	Lemon
Basil	Rye	Orange
Clove	Soybeans/ Soybean oil	Peach
Curry	Sweet potato	Pear
Dill seed	Buckwheat	Pineapple
Fennel	Cocoa	Plum
Ginger	Pinto bean	Strawberry
Nutmeg	Quinoa	Kiwi
Rosemary	Spelt	Watermelon
Thyme	White beans	Figs
Vanilla	Durum wheat semolina	Cherries
Anise seeds	Yucca	Blueberry
Coriander leaves	Amaranth	Coconut
Cumin	Millet	Tangerine
Liquorice		Mango
Peppermint		Papaya
Saffron		Pomegranate
Sage		
Tarragon		

Table with all the foods analyzed in the panel, where the color representing their food reaction appears next to each food, is included in the results report issued to the patient.



The report includes **dietary guidelines** and **nutritional advice** for substituting some foods for others.

POSITIVE (+) Uncertain Reactivity

- Cashew
- Watercress
- Coffee
- Pea
- Ginger
- Bread Yeast
- Goat Milk
- Sheep Milk
- Cow Milk
- Seeds of Malta
- Pistachio

POSITIVE (++) Clear Reactivity

- Aloe vera
- Mussels
- Plum
- Corn/ Corn oil
- Figs
- Potato

POSITIVE (++) Very Clear Reactivity

- Ginkgo biloba
- Almonds
- Coconut



Evaluation of Food hypersensitivity

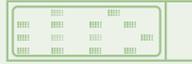
Report Conclusions

At the end of the report, all analyzed foods are placed in a table, in the **Positive (Uncertain Reactivity)** column, **Clear** and **Very Clear** columns, thus making it easier for the patient to know which foods can most likely produce a reaction, in a **very graphic and visual way**.

S/+ ADVANTAGES



30 years' experience in the analysis of food hypersensitivity. Centro Diagnóstico Calderón Diagnostic is a pioneer in Spain in this field



Use of **the microarray methodology**, thanks to which only a low concentration of blood is needed (**capillary blood sample**)



Quick and easy sample collection and handling procedure



Patients **do not require** to follow a **specific protocol**



S/BÁSICO+	S/200+
S/132+	S/V150+

Different panels for the study of different foods



Requiring only the sample serum, it is **suitable for laboratories of any size**, as long as they have a centrifuge or microcentrifuge.



Great **practical application** for improved quality of life



It detects **other digestive pathologies** of the patient



High demand for nutritional studies, as a consequence of society's greater interest in healthy habits



Studies highly demanded by **different health areas**



S/+ does not require a medical prescription, although it is very useful for **professionals** in various health and nutrition areas.

CONTACT US

TO GET SPECIFIC INFORMATION ON S/+ AND COLLABORATION CONDITIONS

p.sanchez@laboratoriocalderon.com
www.labcalderon.com

OTHER TESTS

To complement the study of adverse reactions to food, Centro Diagnóstico Calderón also offers other tests related to food intolerances and the intestinal ecosystem, which can help the patient to detect other digestive disorders.

AIR TEST

Breath test to detect:

- SIBO (Bacterial Overgrowth)
- Genetic or functional food intolerances:
 - Lactose
 - Fructose
 - Sorbitol
 - Saccharose
 - Other sugars



It collect **samples of the patient's breath** after the controlled ingestion of a food substrate.



The air of the samples is stable **up to 8 months** after collection.



Simple and non-invasive procedure



Logistics facilities

INTESTINAL PATHOGENS TEST

- Complete Fecal Molecular Study that **analyzes by PCR almost 100% of bacteria, viruses and parasites** described as intestinal pathogens.
- Simple and non-invasive procedure
- Logistics facilities





CALDERÓN
CENTRO DIAGNÓSTICO



www.labcalderon.com

S/+