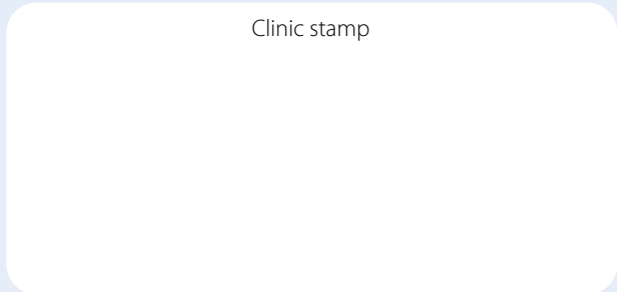


Ask your Health Care Practitioner for a test today!

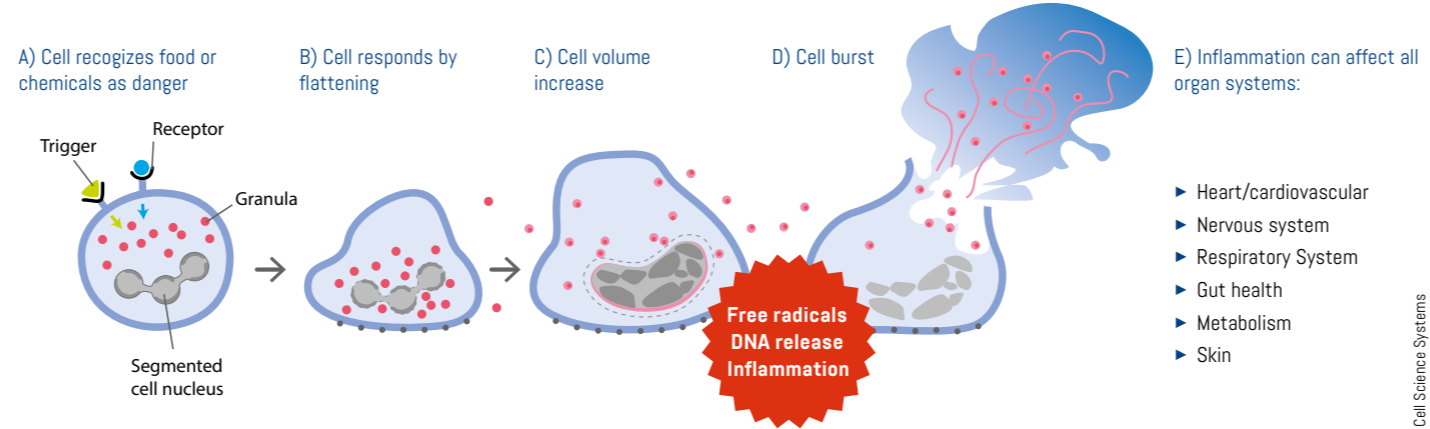
ALCATTEST

Food & chemical sensitivity testing on the cellular level



ALCATTEST Immune cells produce inflammation

The figure shows the defensive reaction of an immune cell (neutrophil/eosinophil granulocyte) causing inflammation. Beside pathogens, such reactions can also be induced by internal factors including foods, toxins or chemicals. Adverse reactions to foods are found to be a factor in chronic and cardio-metabolic diseases, autoimmunity or certain cancer types. The Alcat Test measures the cell changes in volume, size and number that are associated with cell activation.



Yale School of Medicine has scientifically validated the Alcat Test
"The Alcat Test is accurate and effective." Prof. W. Z. Mehal, MD, PhD

About our lab

Cell Science Systems is the developer of the Alcat Test for food & chemical sensitivity as well as for other specialized tests aimed at disease prevention. The Alcat Test stands alone as the only food sensitivity test of its kind to have been independently validated in institutions like Yale School of Medicine.

Thus, the Alcat Test, which directly measures the immune cells' responses, is the most accurate test for detecting food & chemical sensitivity.

Cells attack with inflammatory substances

Activation of the immune cells results in the release of toxic chemicals and free radicals. These are immune defenses against pathogens but when activated inappropriately, can cause damage to any tissue in the body. This includes damage to nuclear DNA and the DNA in our mitochondria (the energy generating centers in our cells).

Disclaimer: The Alcat Test is a non-allergic immune cell activation test, and thus, does not diagnose food allergies (type 1/IgE). Further, it does not test enzyme induced intolerance to lactose, fructose, or histamine.

ALCATTEST



You're unique. Eat like it.

Test **food sensitivities** at your unique cellular level to prevent inflammation. Support immunity and enjoy eating/drinking.



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Why do the Alcat food sensitivity test?

The Alcat Test measures proinflammatory immune cell responses to specific foods, additives, and other dietary items. Uncovering inflammatory foods and other substances that when avoided can help with

- **Weight management**
- **Disease prevention**
- **Improved energy and performance**



Who may benefit from this test?

Relief or elimination of inflammation-driven symptoms of acute or chronic disorders such as

- **Gut** (celiac, IBS, Crohn's disease, diarrhea, constipation, bloating, gastritis, acid reflux)
- **Metabolic** (overweight, diabetes, thyroid, inability to lose weight)
- **Skin** (acne, eczema, psoriasis, rashes, urticaria)
- **Musculoskeletal** (stiff/sore joints, arthritis, tendonitis, fibromyalgia)
- **Respiratory** (chronic cough, asthma, post nasal drip, wheezing, sinusitis)
- **Neurological** (chronic fatigue, headache, migraine, cognitive impairment, ADD, ADHD)

Food sensitivities could be a factor



Adverse reactions to foods may be a factor in cardio-metabolic diseases, autoimmunity or certain cancer types. The Alcat Test measures the cell changes in volume (size and number) that are associated with cell activation.

Which foods to eat or not to eat?

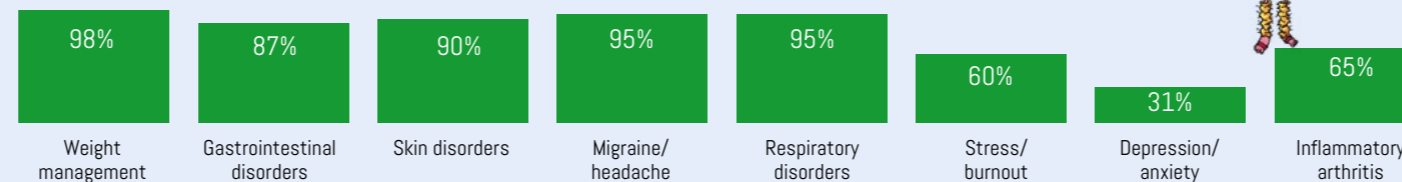
The Alcat Test answers that question.

The Alcat Test can be paired with the Cellular Nutrition Assays and/or the Methyl Detox Profile

When is Alcat useful?

The Alcat Test does NOT measure "true" food allergy where symptom onset is immediate and acute. The Alcat Test measures food sensitivities which are often delayed, low grade, and chronic. Therefore, someone may not be aware that chronic symptoms are caused by foods regularly consumed or other substances frequently encountered.

Scientifically proven benefits (percentage of improvements)



Alcat is the only test that

- ▶ Correlates with double blind oral challenges
- ▶ Identifies adverse reactions to various substances
- ▶ Is validated as the most reliable sensitivity test
- ▶ Measures immune cell reactions as they are a clear indicator for sensitivity



Get tested!

Check your immune cells

More than 450 individual substances can be tested from a single blood draw.

- **Food panels:** 250 foods are available. Special consideration is given to gluten and dairy sensitivities
- **Chemical panels:** 100 additives which can provide guidance as to whether certain cosmetics, drugs, detergents, pesticides, and others should be avoided
- **Medicinal herbs & functional foods:** 100 items (male/female profile), which are commonly found in supplements, tea or Eastern herbs
- **Molds:** 20 items that are often encountered in foods, the home, garden, and nature



YOUR laboratory test results

Alcat Test results are categorized by your individual degree of cellular reactivity (severe, moderate, mild, or non-reactive) and reported in an easy to read color-coded format.

A suggested dietary rotation plan is provided. You will have access to a clinical support team consisting of nutrition experts as well as optional meal planning tools.