

Summary Basic Knowledge.

The **ALCAT TEST** is an immune-stimulation test, in which the blood cells of the patient are confronted with up to 460 food and chemical substances, and the cell changes in immune cells (mainly neutrophils, and lymphocytes) are measured. The underlying mechanisms are non-allergic and are mostly based on the innate immune response.

In case of such „inflammatory intolerance reaction“ defense mechanisms are activated that cause inflammation and usually represent a useful effective defense strategy in the event of an acute infection or directed as a defense against pathogens. But with chronicity of the process as a result of recurring stimuli, it can also lead to gastrointestinal patho-

logies, problems with skin, respiratory tract or joints, as well as obesity or the metabolic syndrome.

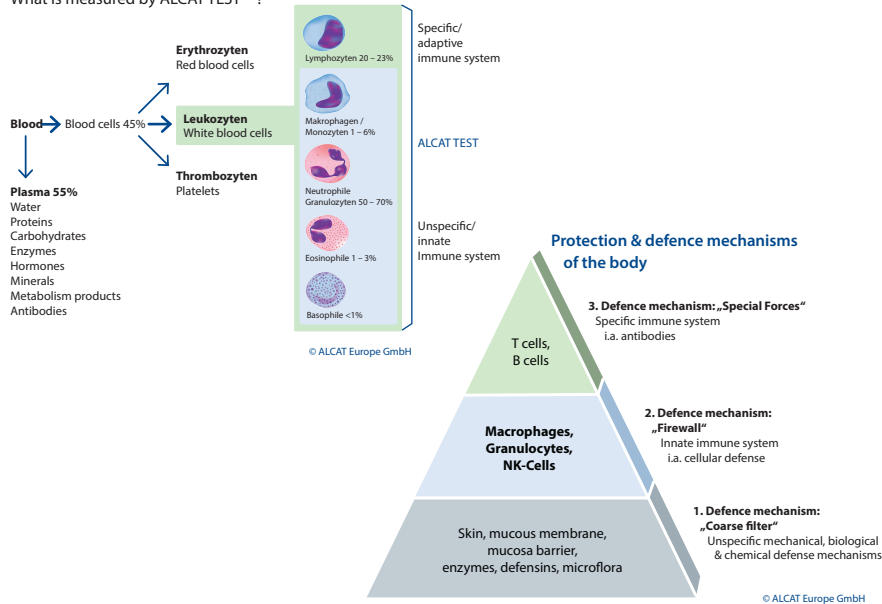
The Inflammation, particular signaling pathways and the activation of pattern recognition receptors of the innate immune system have been investigated in detail in recent years.

Based on almost 30 years of research and development, many clinical successes were achieved using the ALCAT Test. The effectiveness of the method is proven in numerous studies, including double-blind challenges. Studies have confirmed that a significant reduction in symptoms or a complete elimination of symptoms occurs after avoiding the problematic foods and additives.

For detailed information we would like to refer to our scientific dossier on the ALCAT Test.

Blood composition

What is measured by ALCAT TEST™?



ALCAT

FOOD INTOLERANCE IS MULTIFACTORIAL

The **ALCAT TEST** identifies individual cellular responses to substances derived from food and the environment, which can interfere with the immune balance and health.

Many of the internal and external influences have an effect on the immune system. The ALCAT Test provides the basis for an optimized targeted nutrition to support the immune balance.



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THE NON SPECIFIC CELLULAR RESPONSE – inflammation following food intolerance

