



DR. BRIAN MCGUCKIN
Laboratory Nutrition
Chiropractic Internist

Digestive & Intestinal Health

Identify Inflammatory Triggers

How the **ELISA/ACT Biotechnologies Lymphocyte Response Assay Test®** can help

The intestines are highly sensitive to stress, toxic pollutants, and antibiotics. Over time the protective layers of Secretory IgA, Probiotics, and Metallothioneins may reduce in concentration leading to the absorption of partially digested foods, chemicals, and toxic metals.

The white blood cells in the intestinal lining will react to these unwanted particles and begin an immune system reaction that leads to damage - **Leaky Gut and Inflammation.**

There are two pathways to inflammation. **Immediate reactions** that are called Allergies - these would be tested by an allergist, usually with a skin scratch test. There is a second pathway for **delayed onset reactions** is often called **hidden sensitivities**, as the inflammation **begins 2 hours to 4 days after exposure and can last up to 3 weeks.**

The ELISA/ACT Biotechnologies Lymphocyte Response Assay Test® is 97% accurate for the delayed onset sensitivity reactions. This is the Gold Standard of Sensitivity **Testing with 406 items: Foods, Additives, Chemicals, Colorings, Molds, Preservatives, and Toxic Metals.**

**Schedule Your Appointment to
Discuss How to Reduce Inflammation.**

Brian McGuckin, D.C., DABCI
Chiropractic Internist
Dr. Brian McGuckin Laboratory Nutrition, PLLC
15 Oak St. Suite 2 A, Frankfort IL 60423
www.DrMcGuckin-Frankfort.com
Office: 779 - 324 - 5741
Fax: 779 - 324 - 5607
Email: DrMcGuckin@proton.me

References for Delayed Onset Sensitivity Testing for Intestinal Health

T lymphocytes in the intestinal mucosa: defense and tolerance

Hongdi Ma, Wanyin Tao & Shu Zhu Cellular & Molecular Immunology 16, 216-224 2019

T-Lymphocytes Modulate the Microvascular and Inflammatory Responses to Intestinal Ischemia-Reperfusion

[Takeharu Shigematsu](#), [Robert E. Wolf](#), [Dr. D. Neil Granger](#)

First published: 26 January 2010 <https://doi.org/10.1038/sj.mn.7800126> Citations: 59

<https://medium.com/@amorylovins/dont-just-avoid-the-virus-defeat-it-by-strengthening-your-immunity-df850239132d>

Karolina Nowak, Ewa Jabłońska, Wioletta Ratajczak-Wrona, **Immunomodulatory effects of synthetic endocrine disrupting chemicals on the development and functions of human immune cells**, Environment International, 2019, 125: 350-364.

Anne Riemann, Hanna Wußling et al., **Acidosis differently modulates the inflammatory program in monocytes and macrophages**, Biochimica et Biophysica Acta (BBA) – Molecular Basis of Disease, 2016, 1862(1): 72-81.

Seifter JL. **Integration of acid-base and electrolyte disorders**. N Engl J Med. 2015 Jan 22;372(4):391-2.

Kuo, C.-H., Yang, S.-N., Kuo, P.-L. and Hung, C.-H. **Immunomodulatory effects of environmental endocrine disrupting chemicals**. The Kaohsiung Journal of Medical Sciences, 2012, 28: S37-S42.

Alberts B, Johnson A, Lewis J, et al. **Molecular Biology of the Cell**. 4th edition. New York: Garland Science; 2002. Chapter 24.

Henry JB (ed.). **Clinical Diagnosis and Management by Laboratory Methods**. 20th Ed. Chapter 4. W B Saunders, Phil. PA. 2001.

Adaptive Immune System. <https://www.ncbi.nlm.nih.gov/books/NBK21070/>

<https://www.drusselljaffe.com/7-principles-eating-alkaline-way/>

Miller S. **IgG Food Allergy Testing**. Townsend Letter, January 1998, pp. 62-65.

LRA by ELISA/ACT® Handbook. 13th Edition, Health Studies Collegium, 1998.

Siggaard-Andersen, O. **Therapeutic Aspects of Acid-Base Disorders**. **Modern Trends in Anaesthesia**, Ed. EVANS & GRAY, Butterworths, 1967, Vol. 3, 99p.

Saliva Testing and other lab work done at this office is considered nutritional testing by most, if not all insurance companies. There is typically no reimbursement for this type of testing. Anthem and Medicare specifically will not pay for laboratory testing done at this office.

Dr. McGuckin is a licensed chiropractic physician who uses diet and nutritional support to help your body repair. Dr. McGuckin works with your current doctor(s), and does not intend to be a replacement for your primary care physician. Dr. McGuckin requires all patients to have a primary care physician to cover emergencies and routine care.

Testing and nutritional supplement recommendations are not a substitute for, or in place of, any medications or recommendations made by your medical doctor(s) or other licensed healthcare professionals, and that no medications should be discontinued or initiated without the advice of your medical doctor or other healthcare provider(s) you are seeing.