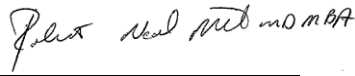


Origination Date: 6/11	Revision Date(s):
Developed By: Medical Criteria Committee	



Approved: **Robert Neal Mills, MD** Date: 06/23/11

Description:

The micronutrient test assesses how multiple micronutrients are functioning within white blood cells. The biochemical intracellular function of vitamins, minerals, amino acids and antioxidants are measured by manipulating the individual micronutrients in the media followed by mitogenic stimulation and measurement of DNA synthesis. These findings have been reported to be linked to certain disease processes and conditions such as arthritis, cancer, cardiovascular risk, diabetes, various immunological disorders, metabolic disorders and micronutrient deficiencies.

NOTE: Micronutrient testing is also known as functional intracellular analysis, intracellular micronutrient analysis or leukocyte nutrient analysis.

Criteria:

Currently, there is insufficient evidence in published scientific, peer-reviewed medical literature of the effectiveness of micronutrient testing. ODS considers micronutrient testing as experimental and investigational.

Information to be Submitted with Pre-Authorization Request:

None. Micronutrient Testing is considered to be an experimental and investigational laboratory test.

Applicable CPT/HCPC Codes:

Note: Typically this test is billed under a multitude of CPT codes for lab tests for normal non-experimental covered lab tests.

References:

- Spectracell Laboratories: Advanced Clinical Testing. (No date). Nutritional status and health: Implication in common chronic conditions. Accessed on June 16, 2011 at: <http://www.spectracell.com/mnt/>
- Filipek PA, Accardo PJ, Ashwal S, Baranek GT, Cook EH Jr, Dawson G, Gordon B, Gravel JS, Johnson CP, Kallen RJ, Levy SE, Minshew NJ, Ozonoff S, Prizant BM, Rapin I, Rogers SJ, Stone WL, Teplin SW, Tuchman RF, Volkmar FR. Practice parameter: screening and diagnosis of autism: report of the Quality Standards Subcommittee of the American Academy of Neurology and the Child Neurology Society. *Neurology*. 2000 Aug 22;55(4):468-79.
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