Abstract

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A functional analytical technique for monitoring nutrient status and repletion--part 2: validation.

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SUMMARY: The first article of this series described the Essential Metabolics Analysis (EMA) procedure, which determines functional status for 19 nutrients by measuring lymphocyte growth responses to variations of a patented, chemically defined, serum-free media. Data supporting the use of lymphocytes as a valid indicator of functional nutrient status will be presented in the second article.

CONCLUSIONS: The primary difference between EMA and other measurements of nutrient status is the ability of EMA to accurately and precisely measure a cellular function endpoint – lymphocyte growth response – rather than a static quantitative level of a nutrient. A wider range of factors that influence nutrient status are considered by EMA, providing an individualized nutrient analysis.

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