



## Technical Tip 01

# ZEUS AtheNA Multi-Lyte<sup>®</sup> Test System

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### Subject: AtheNA Multi-Lyte<sup>®</sup> Test System “0” Result

Often a quantitative result of zero “0” is generated for an AtheNA Multi-Lyte<sup>®</sup> Test System analyte with a qualitative result of negative and appears as such on the printed report.

#### ***How can a patient sample exhibit a zero “0” result and what does it mean?***

A sample exhibiting a zero result simply indicates that there is either no IgG antibody or too little IgG antibody to be detected in the patient sample for that particular ANA marker. The AtheNA Multi-Lyte<sup>®</sup> test system performs a statistical assessment of at least 50 microspheres per analyte then performs an internal calculation. In the case of a zero “0” result, that calculation comes out to be zero “0” or something close to zero “0” such as 0.0004. A zero “0” result is not necessarily indicative of an instrument, assay or specimen issue and should be reported out in the package insert.