Reviewer's report

Title: Serum S100B levels measured using two laboratory methods: a comparative, observational trial.

Version: 2 Date: 29 January 2008

Reviewer: Diego Gazzolo

Reviewer's report:

Manuscript from Einav et al. is of interest in this open-field research topic. The aims of the study are within the scope of the Journal.

I have the following comments that authors need to be taken into account in order to improve the quality of the manuscript.

Introduction. The section is too long. I suggest Authors to shorten it focusing on the aims of the study. On this light there are studies that need to be cited as:


Statistical Analysis.

S100B protein in normal patients (fetus, newborn, pediatric and adult) has been shown to be age-dependent(for reviewe see Tort et al. The serum S100B concentration is age dependent.Clin Chem. 2002;48:950-2). Therefore, being population study admitted with a age at sampling ranging from 18 to 80 y, I suggest to verify S100B/age correlation in order to confirm previous observations.

Discussion. This section need to be improved reporting the effective difference in costs according to different measurement methods.

What next?: Accept after minor essential revisions

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests.