Reviewer's report

Title: No effect of 14 day consumption of whole grain diet compared to refined grain diet on antioxidant measures in healthy, young subjects

Version: 2 Date: 9 December 2009

Reviewer: Agneta Andersson

Reviewer's report:

I find that the authors now have answered my original criticism in an almost sufficient way.

However, there is two Minor Essential Revisions that I will recommended the author to correct:

1. The question about risk for a type II error has not been answered by the authors.

I find this still important to clarify. Was there any calculation done to find out the appropriate size of sample needed to find a certain differences with a certain power in this study design? This should be explained or at least be discussed.

2. Table 1-2 should be referred in the text, I can´t find that this is done in current manuscript.

The author mention a dialog with a biostatistician, however the need of a calculation of an appropriate sample size as mention above or at least a discussion about this might suggest a need of statistician to look at the manuscript once more, regarding that specific question.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests´ below.