Reviewer's report

Title: Pharmacokinetics of a single oral dose of vitamin D3 (70,000 IU) in pregnant and non-pregnant women.

Version: 2 Date: 19 June 2012

Reviewer: Samantha M Kimball

Reviewer's report:

All pertinent pharmacokinetic data seems to be present and well done.
What about the relevance of the dose?
Why was 70 000 IU chosen?
What is the clinical benefit? i.e. Is the difference between baseline and end-of-study 25(OH)D concentrations clinically significant? Is the vitamin D status of these women, pregnant or not, changed with respect to "sufficiency" or "deficiency?"

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests.