

Mail Stop 3561

January 22, 2010

S. Wayne Kay, CEO  
Response Biomedical Corp.  
1781 - 75th Avenue W.  
Vancouver, British Columbia, Canada V6P 6P2

**Re: Response Biomedical Corp.  
Form 20-F for fiscal year ended December 31, 2008  
Filed March 31, 2009  
File No. 000-50571**

Dear Mr. Kay:

We have completed our review of your filing and related documents and have no further comments.

Sincerely,

John Reynolds  
Assistant Director

cc: Livleen Kaler, CFO  
Fax: (604) 456-6066