

September 15, 2022

Timothy Lu, M.D., Ph.D
Chief Executive Officer
Senti Biosciences, Inc.
2 Corporate Drive, First Floor
South San Francisco, CA 94080

Inc.

Statement on Form S-1
2022

Re: Senti Biosciences,
Registration
Filed September 12,
File No. 333-267390

Dear Dr. Lu:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Drory at 202-551-8342 with any questions.

Please contact Jason

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: Swetha Gopalakrishnan,
Esq.