

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

June 16, 2020

Frank Stokes Chief Financial Officer Castle Biosciences Inc. 820 S. Friendswood Drive, Suite 201 Friendswood, Texas 77546

Re: Castle Biosciences Inc.
Draft Registration Statement on Form S-1
Submitted June 12, 2020
CIK No. 0001447362

Dear Mr. Stokes:

This is to advise you that we do not intend to review your registration statement.

We request that you publicly file your registration statement no later than 48 hours prior to the requested effective date and time. 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.

Please contact Laura Crotty at (202) 551-7614 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Karen Deschaine