



September 29, 2023

VIA EDGAR

Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, DC 20549

Re: Renalytix plc
Registration Statement on Form S-3; File No. 333-274733

Acceleration Request

Requested Date: Friday, September 29, 2023

Requested Time: 4:00 p.m. Eastern Time

Dear Sir or Madam:

In accordance with Rule 461 under the Securities Act of 1933, as amended, the undersigned registrant (the "**Registrant**") hereby requests that the Securities and Exchange Commission (the "**Commission**") take appropriate action to cause the above-referenced Registration Statement on Form S-3 (File No. 333-274733) (the "**Registration Statement**") to become effective on Friday, September 29, 2023, at 4:00 p.m. Eastern Time, or as soon thereafter as is practicable, or at such later time as the Registrant may orally request via telephone call to the staff (the "**Staff**").

Once the Registration Statement has been declared effective, please orally confirm that event with Katie Kazem of Cooley LLP, counsel to the Registrant.

Very truly yours,

RENALYTIX PLC

By: /s/ James McCullough

James McCullough
Chief Executive Officer