

MAXCYTE, INC.
22 Firstfield Road, Suite 110
Gaithersburg, Maryland 20878

July 27, 2021

VIA EDGAR

U.S. Securities and Exchange Commission
Division of Corporation Finance
Office of Trade & Services
100 F Street, N.E.
Washington, D.C. 20549
Attn: Amy Geddes, Linda Cvrkel, Julia Griffith and Justin Dobbie

**Re: MaxCyte, Inc.
Registration Statement on Form S-1, as amended (File No. 333-257810)
Request for Acceleration of Effective Date**

Ladies and Gentlemen:

Pursuant to Rule 461 of the General Rules and Regulations under the Securities Act of 1933, as amended, MaxCyte, Inc. (the "Company") hereby requests that the U.S. Securities and Exchange Commission (the "Commission") accelerate the effective date of the above-referenced Registration Statement on Form S-1 (as amended to date, the "Registration Statement") and declare the Registration Statement effective as of 4:30 p.m. Eastern time, on July 29, 2021, or as soon thereafter as possible, or at such other time as its legal counsel, Cooley LLP, may request by telephone to the Staff.

Once the Registration Statement has been declared effective, please orally confirm that event with Brian F. Leaf of Cooley LLP at (703) 456-8053, or in his absence, Katie A. Kazem of Cooley LLP at (703) 456-8043.

Under separate cover, you will receive today a letter from the managing underwriters of the proposed offering joining in the Company's request for acceleration of the effectiveness of the Registration Statement.

[Signature page follows]

Very truly yours,

MaxCyte, Inc.

/s/ Doug Doerfler

By: Doug Doerfler

Title: Chief Executive Officer

[Signature Page to Acceleration Request]
