

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>Kollender Richard S</u> (Last) (First) (Middle) <u>C/O RAPID MICRO BIOSYSTEMS, INC.</u> <u>1001 PAWTUCKET BOULEVARD WEST, SUITE 280</u> (Street) <u>LOWELL MA 01854</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>RAPID MICRO BIOSYSTEMS, INC. [RPID]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/09/2021</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock	09/09/2021		X		107,816	A	\$0.05	1,481,009	I	Held by Quaker Bioventures II, L.P. ⁽¹⁾

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V		Date Exercisable	Expiration Date						Title
Series A1 Warrant (right to buy)	\$0.05	09/09/2021		X		82,010	(2)	07/24/2027	Class A Common Stock	82,010	\$0.00	0	I	Held by Quaker Bioventures II, L.P. ⁽¹⁾
Series B1 Warrant (right to buy)	\$0.05	09/09/2021		X		12,903	(2)	12/06/2027	Class A Common Stock	12,903	\$0.00	0	I	Held by Quaker Bioventures II, L.P. ⁽¹⁾
Series B1 Warrant (right to buy)	\$0.05	09/09/2021		X		12,903	(2)	01/17/2028	Class A Common Stock	12,903	\$0.00	0	I	Held by Quaker Bioventures II, L.P. ⁽¹⁾

Explanation of Responses:

- These shares are held directly by Quaker Bioventures II, L.P. The Reporting Person is an executive manager of Quaker Bioventures Capital II, LLC, the general partner of Quaker Bioventures Capital II, L.P, the general partner of Quaker Bioventures II, L.P, and may be deemed to beneficially hold the shares but disclaims beneficial ownership thereof, except to the extent of any pecuniary interest therein.
- Immediately exercisable.

/s/ Jonathan Paris, Attorney-in-Fact for Richard S. Kollender 09/13/2021

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.