

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>Green James W</u> (Last) (First) (Middle) <u>C/O HARVARD BIOSCIENCE, INC.</u> <u>84 OCTOBER HILL ROAD</u> (Street) <u>HOLLISTON MA 01746</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>HARVARD BIOSCIENCE INC [HBIO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Executive Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/19/2021</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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			
Common Stock	05/19/2021		M		39,188	A	\$2.63	2,318,966 ⁽¹⁾	D	
Common Stock	05/19/2021		S		39,188	D	\$7.17 ⁽²⁾	2,279,778 ⁽³⁾	D	
Common Stock	05/20/2021		M		14,876	A	\$2.63	2,294,654 ⁽⁴⁾	D	
Common Stock	05/20/2021		S		14,876	D	\$7.03 ⁽⁵⁾	2,279,778 ⁽⁶⁾	D	

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	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock option (right to buy)	\$2.63	05/19/2021		M			39,188	(7)	06/11/2027	Common Stock	39,188	\$0	391,878	D	
Stock option (right to buy)	\$2.63	05/20/2021		M			14,876	(7)	06/11/2027	Common Stock	14,876	\$0	377,002	D	

Explanation of Responses:

- Includes (a) an award of 194,698 restricted stock units that will vest in three equal installments on December 31, 2021, 2022 and 2023, subject to the terms set forth in an award agreement between the Issuer and the Reporting Person, (b) 163,606 remaining restricted stock units that will vest on December 31, 2021, 2022 and 2023, (c) 243,072 restricted stock units that will fully vest on July 8, 2021, (d) 209,180 remaining restricted stock units that will vest on January 1, 2022 and 2023, (e) 823,176 restricted stock units with performance based vesting conditions tied to relative total shareholder return, and (f) 685,234 shares of common stock beneficially owned by the Reporting Person.
- This transaction was executed in multiple trades at prices ranging from \$7.07 to \$7.26, inclusive. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the transaction was effected.
- Includes (a) the shares and awards described in footnote (1) above, less (b) the disposition of shares reported in footnote (2) above.
- Includes (a) the shares and awards described in footnote (3) above, plus (b) the acquisition of 14,876 shares of common stock pursuant to the exercise of stock options as reported on this Form 4.
- This transaction was executed in multiple trades at prices ranging from \$7.02 to \$7.05, inclusive. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the transaction was effected.
- Includes (a) the shares and awards described in footnote (4) above, less (b) the disposition of shares reported in footnote (5) above.
- The options vest in four equal installments on December 31, 2020, 2021, 2022 and 2023.

/s/ David Sirois, by power of attorney 05/21/2021

** 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.