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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-A**

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**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

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**Maravai LifeSciences Holdings, Inc.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of incorporation)

**85-2786970**  
(I.R.S. Employer Identification No.)

**10770 Wateridge Circle Suite 200  
San Diego, California**  
(Address of principal executive offices)

**92121**  
(Zip Code)

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**Securities to be registered pursuant to Section 12(b) of the Exchange Act:**

Title of each class to be so registered	Name of each exchange on which each class is to be registered
Class A Common Stock, \$0.01 par value	The Nasdaq Stock Market LLC (Nasdaq Global Select Market)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.

**Securities Act registration statement file number to which this form relates:333-249733**

**Securities to be registered pursuant to Section 12(g) of the Act: None**

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**Item 1. Description of Registrant's Securities to be Registered.**

The description of the Class A Common Stock, par value \$0.01 per share, of Maravai LifeSciences Holdings, Inc. as included under the caption "Description of Capital Stock" in the Prospectus forming a part of the Registration Statement on Form S-1, as amended, originally filed with the Securities and Exchange Commission (the "Commission") on October 29, 2020 (Registration No. 333-249733), including exhibits, and as may be subsequently amended from time to time (the "Registration Statement"), is hereby incorporated by reference. In addition, the above referenced description included in any Prospectus relating to the Registration Statement filed with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

**Item 2. Exhibits.**

Under the Instructions as to Exhibits with respect to Form8-A, no exhibits are filed herewith or incorporated by reference because no other securities of the Registrant are registered on The Nasdaq Stock Market LLC (Nasdaq Global Select Market) and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

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**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: November 19, 2020

Maravai LifeSciences Holdings, Inc.  
(Registrant)

By: /s/ Carl Hull

Name: Carl Hull

Title: Chief Executive Officer