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

## FORM 12b-25

### NOTIFICATION OF LATE FILING

SEC FILE NUMBER 001-39169

CUSIP NUMBER (Check One): ☐ Form 10-K ☐ Form 20-F ☐ Form 11-K x ☐ Form 10-Q ☐ Form 10D 497634105 ☐ Form N-SAR ☐ Form N-CSR For Period Ended: September 30, 2021 ☐ Transition Report on Form 10-K  $\square$  Transition Report on Form 20-F  $\square$  Transition Report on Form 11-K ☐ Transition Report on Form 10-Q  $\square$  Transition Report on Form N-SAR For the Transition Period Ended: Read attached instruction sheet before preparing form. Please Print or Type. Nothing in this form shall be construed to imply that the Commission has verified any information contained herein. If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates: PART I - REGISTRANT INFORMATION Full Name of Registrant Kiromic BioPharma, Inc. Former Name if Applicable Address of Principal Executive Office (Street and Number) 7707 Fannin Street, Suite 140 City, State and Zip Code Houston, TX 77054

#### PART II

### **RULES 12b-25(b) AND (c)**

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
- (b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, 11-K, Form N-SAR or From N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report of transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

### **PART III**

### NARRATIVE

State below in reasonable detail the reasons why Forms 10-K, 20-F, 11-K, 10-Q, 10-D, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

The Company is working diligently to complete the Q3 2021 Form 10-Q; however, due to ongoing review of additional disclosure the Company is unable to complete and file the Q3 2021 Form 10-Q by the required due date of November 15, 2021 without unreasonable effort and expense.

|   |  | 1   | PART IV  |                           |                          |  |
|---|--|---|--|---------------------------|--------------------------|--|
| OTHER INFORMATION   |  |   |  |                           |                          |  |
| (1)   | (1) Name and telephone number of person to contact in regard to this notification  |   |  |                           |                          |  |
|   | Daniel Clark   |   | 832  |                           | 968-4888                 |  |
|   | (Name)   |   | (Area Code)  | (Telephon                 | e Number)                |  |
| (2)   | (2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months (or for such shorter) period that the registrant was required to file such reports) been filed? If answer is no, identify report(s). x Yes □ No   |   |  |                           | x Yes □ No               |  |
|   | Is it anticipated that any significant chan fiscal year will be reflected by the earning.  If so, attach an explanation of the anticipat the reasons why a reasonable estimate of the state | s statements to be included<br>ted change, both narrative | d in the subject report or portion the<br>ly and quantitatively, and, if appro | ereof?                    | □ Yes x No               |  |
| Kiromic BioPharma, Inc.  (Name of Registrant as Specified in Charter)                                       |  |   |  |                           |                          |  |
| Has o   | caused this notification to be signed on its b   | oehalf by the undersigned                                 | hereunto duly authorized.  |                           |                          |  |
| Date: November 16, 2021   |  |   | By: /s/ Daniel Clark Name: Daniel Clark Title: Interim Chief Finan             | icial Officer             |                          |  |
| perso   | TRUCTION: The form may be signed by aron signing the form shall be typed or printed rethan an executive officer), evidence of the  | d beneath the signature. If                               | the statement is signed on behalf of   | of the registrant by an a | uthorized representative |  |
| ATTENTION —   |  |   |  |                           |                          |  |
| Intentional misstatements or omissions of fact constitute Federal Criminal Violations (See 18 U.S.C. 1001). |  |   |  |                           |                          |  |
|   |  |   |  |                           |                          |  |