

Item 2.02. Results of Operations and Financial Condition.

On February 9, 2009, Arrowhead Research Corporation announced and commented on its first quarter financial results for the quarter ended December 31, 2008. A copy of the press release is attached hereto as Exhibit 99.1.

In accordance with General Instruction B.2 of Form 8-K, the information in this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or otherwise subject to the liability of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, whether made before or after the date hereof, except as expressly set forth by specific reference in such filing to this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

| Exhibit No. | Description |
|--------------------|--|
| 99.1 | Press Release, dated February 9, 2009. |

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: February 9, 2009

ARROWHEAD RESEARCH CORPORATION

By: /s/ Paul C. McDonnel
Paul C. McDonnel

Chief Financial Officer

EXHIBIT INDEX

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|---------------------------|--|
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