

FLUIDIGM CORP  
Form RW  
October 07, 2008

October 7, 2008

**VIA EDGAR AND**  
**OVERNIGHT DELIVERY**

Division of Corporation Finance  
U.S. Securities and Exchange Commission  
100 F. Street, N.E.  
Washington, DC 20549-1004  
Attention:  
Russell Mancuso, Branch Chief  
Joseph McCann

Re:  
Fluidigm Corporation  
Withdrawal of Registration Statement on Form 8-A (File No. 001-34180)

Ladies and Gentlemen:

Fluidigm Corporation (the **Company**) hereby respectfully requests withdrawal of its Registration Statement on Form 8-A (File No. 001-34180) (the **Registration Statement**). The Registration Statement was originally filed with the Securities and Exchange Commission (the **Commission**) on September 16, 2008.

In light of current public market conditions, the Company has determined not to proceed with its initial public offering at this time. The Company confirms that no securities have been or will be distributed, issued or sold in the proposed initial public offering. Furthermore, the Registration Statement was not declared effective by the Commission.

Sincerely,

FLUIDIGM CORPORATION

By: /s/ Gajus Worthington  
Name: Gajus Worthington  
Title: President and Chief Executive  
Officer