

APPLERA CORP  
Form 4  
August 20, 2007

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**KERR BARBARA J**

(Last) (First) (Middle)

**APPLERA CORP - APPLIED  
BIOSYSTEMS GROUP, 850  
LINCOLN CENTRE DRIVE**

(Street)

**FOSTER CITY, CA 94404**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**APPLERA CORP [ABI/CRA]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**08/16/2007**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Vice President-Human Resources**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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	(D)	Price
Applied Biosystems Group Common Stock	08/16/2007		A		6,300	A	\$ 0
							17,688.5783 (1)
Applied Biosystems Group Common Stock	08/16/2007		F		2,253	D	\$ 31.485
	08/16/2007		A		1,528	A	\$ 0



## Explanation of Responses:

- \* 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).
- (1) Includes 302.6008 shares of Applied Biosystems Group Common Stock purchased between December 2006 and June 2007 under the issuer's employee stock purchase plan.
- (2) Includes 2,665.0761 shares of Celera Group Common Stock purchased between March 2005 and June 2007 under the issuer's employee stock purchase plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.