

AYERS RICHARD H  
 Form 4  
 February 05, 2008

**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 \*  
 AYERS RICHARD H

(Last) (First) (Middle)

APPLERA CORPORATION, 301  
 MERRITT 7

(Street)

NORWALK, CT 06851-1070

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
 (Month/Day/Year)

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)

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)
Applied Biosystems Group Common Stock Units				(A)	14,321.75 <sup>(1)</sup>	D	
Applied Biosystems Group Common Stock	02/01/2008		M	500 A	\$ 16.2216	11,375 D	
Applied Biosystems	02/01/2008		S <sup>(2)</sup>	2 D	\$ 31.84	11,373 D	

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Group Common Stock								
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	3	D	\$ 31.82	11,370	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	1	D	\$ 31.81	11,369	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	1	D	\$ 31.79	11,368	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	3	D	\$ 31.78	11,365	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	1	D	\$ 31.77	11,364	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	5	D	\$ 31.76	11,359	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	6	D	\$ 31.75	11,353	D	
Applied Biosystems Group Common Stock	02/01/2008	<u>S<sup>(2)</sup></u>	5	D	\$ 31.73	11,348	D	
Applied Biosystems Group	02/01/2008	<u>S<sup>(2)</sup></u>	1	D	\$ 31.7	11,347	D	

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Common Stock							
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	3	D	\$ 31.69	11,344	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	5	D	\$ 31.68	11,339	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	5	D	\$ 31.67	11,334	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	1	D	\$ 31.66	11,333	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	4	D	\$ 31.65	11,329	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	1	D	\$ 31.64	11,328	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	4	D	\$ 31.63	11,324	D
Applied Biosystems Group Common Stock	02/01/2008	<u>S</u> (2)	14	D	\$ 31.61	11,310	D
Applied Biosystems Group Common	02/01/2008	<u>S</u> (2)	5	D	\$ 31.6	11,305	D

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Stock							
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	8	D	\$ 31.59	11,297	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	1	D	\$ 31.58	11,296	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	1	D	\$ 31.57	11,295	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	3	D	\$ 31.56	11,292	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	13	D	\$ 31.55	11,279	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	5	D	\$ 31.54	11,274	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	1	D	\$ 31.53	11,273	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	11	D	\$ 31.52	11,262	D
Applied Biosystems Group Common Stock	02/01/2008	S <sup>(2)</sup>	3	D	\$ 31.51	11,259	D

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
*(e.g., puts, calls, warrants, options, convertible securities)*

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
Applied Biosystems Group Director Stock Options-Right to Buy	\$ 16.2216	02/01/2008		M	500	10/18/2000 10/15/2008	Applied Biosystems Group Common Stock
Celera Group Director Stock Options-Right to Buy	\$ 6.6132	02/01/2008		M	500	10/18/2000 10/15/2008	Celera Group Common Stock
Celera Group Director Stock Options-Right to Buy	\$ 8.56	02/01/2008		M	2,210	07/01/2002 01/21/2009	Celera Group Common Stock

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
AYERS RICHARD H APPLERA CORPORATION 301 MERRITT 7 NORWALK, CT 06851-1070	X			

## Signatures

/s/ Thomas P. Livingston, Attorney-in-Fact for Richard H.  
Ayers

02/05/2008

\_\_Signature of Reporting Person

Date

## 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 17.86 Applied Biosystems Group Common Stock Units acquired in January 2008 pursuant to the dividend reinvestment feature of the Company's director stock purchase plan.
  - (2) Reflects sale by independent third-party administrator under the issuer's Insider Diversification Program.

### Remarks:

This is the first of five forms being filed by the reporting person on February 5, 2008.

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