

AGILENT TECHNOLOGIES INC  
Form 3/A  
May 23, 2008

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Odeh Saleem N.		(Month/Day/Year)	AGILENT TECHNOLOGIES INC [A]	
(Last)	(First)	(Middle)	11/15/2007	
5301 STEVENS CREEK BLVD.			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	11/21/2007
SANTA CLARA,Â CAÂ 95051			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			Vice President	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	7,963.8447	D	Â
Common Stock	459	I	Held by Saleem N. Odeh & Sharon M. Odeh Trust
Common Stock <u>(1)</u>	25.302	I	By 401(k) Plan

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

SEC 1473 (7-02)

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

1. Title of Derivative Security	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying	4. Conversion	5. Ownership	6. Nature of Indirect Beneficial
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Conversion from HP stock options as a result of the June 2, 2000 spin-off of Agilent Technologies, Inc. by Hewlett-Packard Company, in a transaction exempt from Rule 16b-3.

- (3) This option is fully vested and exercisable.
- (4) Right to buy Agilent Technologies, Inc. common stock granted under the Agilent Technologies, Inc. 1999 Stock Plan, in compliance with Rule 16b-3.
- (5) The option is exercisable in four equal installments beginning on the first anniversary of the date of the grant. The first vesting date is stated.

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

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