

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>MILLER LOREN R</u> (Last) (First) (Middle) 9924 WEST 74TH STREET (Street) EDEN PRAIRIE MN 55344 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SURMODICS INC [SRDX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) Vice President and Controller
	3. Date of Earliest Transaction (Month/Day/Year) 08/13/2007	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	(A) or (D)	Price			
Common Stock	08/13/2007		M		5,000	A	\$25.094	18,157	D	
Common Stock	08/13/2007		F		2,470	D	\$50.81	15,687	D	
Common Stock	08/13/2007		M		2,500	A	\$34.85	18,187	D	
Common Stock	08/13/2007		F		1,714	D	\$50.81	16,869 ⁽¹⁾	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option (Right to Buy)	\$25.094	08/13/2007		M			5,000	(2)	09/18/2007	Common Stock	5,000	\$0	0	D	
Employee Stock Option (Right to Buy)	\$34.85	08/13/2007		M			2,500	(3)	11/12/2008	Common Stock	2,500	\$0	0	D	
Employee Stock Option (Right to Buy)	\$29.5							(4)	01/15/2010	Common Stock	3,000		3,000	D	
Employee Stock Option (Right to Buy)	\$29.17							(5)	03/17/2010	Common Stock	2,500		2,500	D	
Non-Qualified Stock Option (Right to Buy)	\$21.36							(6)	01/26/2011	Common Stock	10,000		10,000	D	
Non-Qualified Stock Option (Right to Buy)	\$29.37							(7)	01/31/2012	Common Stock	30,000		30,000	D	

Explanation of Responses:

- Includes 396 shares acquired through the Employee Stock Purchase Plan for the phase ended 2/28/07.
- Exercisable in annual increments of 1,000 shares each commencing on 9/18/01.

3. Exercisable in annual increments of 500 shares each commencing on 11/12/02.
4. Exercisable in annual increments of 600 shares each commencing on 1/15/04.
5. Exercisable in annual increments of 500 shares each commencing on 3/17/04.
6. Exercisable in annual increments of 2,000 shares each commencing on 1/26/05.
7. Exercisable in annual increments of 6,000 shares each commencing on 1/31/06.

Remarks:

/s/ Loren R. Miller

08/15/2007

** Signature of Reporting Person

Date

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

* 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).

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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