FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPI	ROVAL
OMB Number:	3235-0287
Estimated average b	urden

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

ions may contir tion 1(b).	nue. See										hours	per respons	e:	0.5			
1. Name and Address of Reporting Person* MILLER LOREN R				2. Issu	Issuer Name and Ticker or Trading Symbol SURMODICS INC [SRDX]								5. Relationship of Reporting Person(s) to Issur (Check all applicable) Director 10% Owr				
(First) (Middle) ST 74TH STREET				3. Date of Earliest Transaction (Month/Day/Year) 08/13/2007									Other (specify below) t and Controller				
				4. If Ar	4. If Amendment, Date of Original Filed (Month/Day/Year)								rm filed by One Reporting Person rm filed by More than One Reporting				
	Tak	le I - No	n-Deriv	ative S	ecurities Ac	quired	, Dis	posed o	of, or E	Benefic	ially	Owned					
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year	Code	Transaction Code (Instr.					Securitie Benefici Owned F	es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	ect c rect E	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
					Code	v	Amount	(A) (D)	or Pric	е	Transact	tion(s)		`			
Common Stock			08/13	3/2007		М		5,000) A	A \$25	\$25.094		18,157				
Common Stock		08/13	3/2007		F		2,470		\$5	0.81	15,687		D				
Common Stock		08/13	3/2007		M		2,500) A	A \$3	4.85	18,	,187	D				
Stock	3/2007		F		1,714	Ι	\$5	0.81	16,8	369 ⁽¹⁾	D						
		Гable II -										Owned					
2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Execution if any	. Deemed 4. ecution Date, Iny C		on of	Expiration	n Date		of Securities Underlying		Derivative Security		derivative Securities Beneficial Owned Following Reported	Own Forn Director In (I) (In	: ct (D) direct	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
	d Address of CR LORE (Find Address of CR LO	(First) (First) (ST 74TH STREET RAIRIE MN (State) Tab Security (Instr. 3) Stock Stock Stock Stock Conversion or Exercise Price of Derivative (Month/Day/Year)	d Address of Reporting Person* IR LOREN R (First) (Middle) EST 74TH STREET RAIRIE MN 55344 (State) (Zip) Table I - No Security (Instr. 3) Stock Stock Stock Stock Conversion or Exercise Price of Derivative Price of Derivative 3. Transaction Date (Month/Day/Year) if any (Month/Day/Pear) [Month/Day/Year]	Conversion or Exercise Price of Date (Month/Day/Year) Conversion or Exercise Price of Derivative Conversion of Exercise Conversi	Conversion or Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or Exercise Price of Derivative Security (Instr. 3) Conversion or E	Table I - Non-Derivative Securities Action Date (Month/Day/Year) Stock Stock	Address of Reporting Person* Id Address of Reporting Person* IR LOREN R (First) (Middle) ST 74TH STREET (State) (Zip) Table I - Non-Derivative Securities Acquired (Month/Day/Year) Stock Stock O8/13/2007 A If Amendment, Date of Original State (Month/Day/Year) (Stock O8/13/2007 A If Amendment, Date of Original State (Month/Day/Year) Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, option of Execution Date, if any (Month/Day/Year) Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, option of Execution Date, if any (Month/Day/Year) Stock O8/13/2007 F Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, option of Execution Date, if any (Month/Day/Year) Conversion of Execution Date (Month/Day/Year) Conversion On Date (Month/Day/Year) Conversion On Execution Date (Month/Day/Year) Conversion On Date (Month/Day/Year) Conversion On Execution Date (Month/Day/Year) Conversion On Date (Month/Day/Year) Convers	Filed pursuant to Section 16(a) of the Securit or Section 30(h) of the Investment Co and Address of Reporting Person* SURMODICS INC SURM	Table I - Non-Derivative Securities Acquired, Disposed of Month/Day/Year) Stock O8/13/2007 Table I - Derivative Securities Acquired, Disposed of Stock O8/13/2007 Table II - Derivative Securities Acquired, Disposed of (e.g., puts, calls, warrants, options, converting of Exercise of Exercise Price of Conversion of Exercise Price of Conversion of Exercise Price of Derivative Security O8/13/2007 Field pursuant to Section 16(a) of the Securities Exchar or Section 30(h) of the Investment Company Act or Section 30(h) of Exercise Exercise Exercise Exercise Exercise Exercise Investment Company Act or Section 30(h) of the Investment Company Act or Section 30(h) of Exercise Exerci	Filed pursuant to Section 16(a) of the Securities Exchange Act or or Section 30(h) of the Investment Company Act of 1940 and Address of Reporting Person* AND Address of Reporting Person* AND Address of Reporting Person* (First) (Middle) ST 74TH STREET (First) (Middle) ST 74TH STREET Table I - Non-Derivative Securities Acquired, Disposed of, or Exercise of Execution Date, (Month/Day/Year) Security (Instr. 3) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Issuer Name and Ticker or Trading Symbol SURMODICS INC [SRDX] 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date of Original Filed (Month/Day/Year) 4. If Amendment, Date of Original Filed (Month/Day/Year) Security (Instr. 3) 2. Transaction Date (Month/Day/Year) Stock 08/13/2007 M	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 Address of Reporting Person' (First) (Middle) (ST 74TH STREET 2. Issuer Name and Ticker or Trading Symbol SURMODICS INC [SRDX]	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934	Table - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Forms fled by More than One Person (Nonth/Day/Year) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (One) (Instr. 3, and 4) Stock 08/13/2007 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1940 2. Issuer Name and Ticker or Trading Symbol SURMODICS INC [SRDX] 3. Date of Earliest Transaction (Month/Day/Year) 08/13/2007 4. If Amendment, Date of Original Filed (Month/Day/Year) (State) (State) 7. Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Forms Disposed Of (D) (Instr. 3, 4 and 5) Security (Instr. 3) 8. A Doemed Execution Date, (Month/Day/Year) 1. Code [V Amount [One] Price of Disposed Of (D) (Instr. 3, 4 and 5) Stock 08/13/2007 M		

Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	Date (Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transa Code (8)	saction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Expiration Da (Month/Day/\)	ate	of Securiti Underlyin Derivative (Instr. 3 ar	g Security	Derivative Security (Instr. 5)	derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
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		М			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:

- $1.\ Includes\ 396\ shares\ acquired\ through\ the\ Employee\ Stock\ Purchase\ Plan\ for\ the\ phase\ ended\ 2/28/07.$
- 2. 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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