

HUTCHISON BRIAN K  
Form 4  
August 26, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
HUTCHISON BRIAN K

(Last) (First) (Middle)

11621 RESEARCH CIRCLE

(Street)

ALACHUA, FL 32615

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
RTI Biologics, Inc. [RTIX]

3. Date of Earliest Transaction  
(Month/Day/Year)  
08/22/2008

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title below) \_\_\_ Other (specify below)  
Chairman and CEO

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_\_X\_\_ 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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	08/22/2008		M		5	A	\$ 4.8
Common Stock	08/22/2008		M		7,747	A	\$ 6.18
Common Stock	08/22/2008		M		5,494	A	\$ 7.28

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

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SEC 1474  
(9-02)

number.

**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 Securities (Instr. 3 and 4)	Amount	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Number Shares
Employee Stock Option (Right to Buy)	\$ 4.8	08/22/2008		M	5	05/29/2007	05/29/2012	Common Stock	499,9
Employee Stock Option (Right to Buy)	\$ 6.18	08/22/2008		M	7,747	06/27/2010 <sup>(1)</sup>	06/27/2015	Common Stock	92,25
Employee Stock Option (Right to Buy)	\$ 7.28	08/22/2008		M	5,494	03/07/2011 <sup>(2)</sup>	03/07/2016	Common Stock	34,50

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HUTCHISON BRIAN K 11621 RESEARCH CIRCLE ALACHUA, FL 32615			Chairman and CEO	

## Signatures

/s/ Brian K  
Hutchison

08/26/2008

\*\*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) These options became exercisable as to 20% on each of 6/27/2006, 6/27/2007 and 6/27/2008 and will become exercisable as to 20% on each of 6/27/2009 and 6/27/2010.
- (2) These options became exercisable as to 20% on each of 3/7/2007 and 3/7/2008 and will become exercisable as to 20% on each of 3/7/2009, 3/7/2010 and 3/7/2011.

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.