

BARTHELEMY NICOLAS
 Form 4
 November 02, 2007

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 *
BARTHELEMY NICOLAS

2. Issuer Name and Ticker or Trading Symbol
INVITROGEN CORP [IVGN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 1600 FARADAY AVENUE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 10/31/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Cell Culture Systems

CARLSBAD, CA 92084

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 _____ Form filed by More than One Reporting Person

(City) (State) (Zip)

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	10/31/2007	10/31/2007	M	V 5,439 A \$ 70.34	17,346	D	
Common Stock	10/31/2007	10/31/2007	S	V 5,439 D \$ 88.05	11,907	D	
Common Stock	10/31/2007	10/31/2007	M	V 3,250 A \$ 62.51	15,157	D	
Common Stock	10/31/2007	10/31/2007	S	V 3,250 D \$ 88.05	11,907	D	
Common Stock	10/31/2007	10/31/2007	M	V 2,500 A \$ 64.51	14,407	D	

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Common Stock	10/31/2007	10/31/2007	S	V	2,500	D	\$ 88.05	11,907	D
Common Stock	10/31/2007	10/31/2007	M	V	11,079	A	\$ 70.34	22,986	D
Common Stock	10/31/2007	10/31/2007	S	V	11,079	D	\$ 90	11,907	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Am or Nur of S
Non-qualified Stock Option	\$ 70.34	10/31/2007	10/31/2007	M	V (1) (5)	03/10/2005	03/10/2014	Common Stock	5,
Non-qualified Stock Option	\$ 62.51	10/31/2007	10/31/2007	M	V (2) (5)	11/12/2005	11/12/2014	Common Stock	3,
Non-qualified Stock Option	\$ 64.51	10/31/2007	10/31/2007	M	V (3) (5)	11/14/2006	11/14/2015	Common Stock	2,
Non-qualified Stock Option	\$ 70.34	10/31/2007	10/31/2007	M	V (4) (5)	03/10/2007	03/10/2014	Common Stock	11

Reporting Owners

Reporting Owner Name / Address

Relationships

BARTHELEMY NICOLAS
1600 FARADAY AVENUE
CARLSBAD, CA 92084

Director 10% Owner Officer Other

SVP, Cell Culture Systems

Signatures

/s/ Joseph W. Secondine,
Jr. POA

11/02/2007

__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) Options exercised from grant #7474.
- (2) Options exercised from grant #011183.
- (3) Options exercised from grant #100019.
- (4) Options exercised from grant #7474.
- (5) Options exercised pursuant to a 10b5-1 trading plan.

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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