

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.

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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**

Director 10% Owner Officer Other

BARTHELEMY NICOLAS  
1600 FARADAY AVENUE  
CARLSBAD, CA 92084

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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