

INVITROGEN CORP  
Form 4  
May 19, 2008

**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 \*  
**BENCHIMOL CLAUDE**

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)  
**5791 VAN ALLEN WAY**

3. Date of Earliest Transaction (Month/Day/Year)  
**05/15/2008**

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**SVP, Research & Development**

(Street)  
**CARLSBAD, CA 92008**

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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Amount  |  |                                   |
|                                 |                                      |  | Code                           | V   | Price   |  |                                   |

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

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SEC 1474  
(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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Security (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|

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| (Instr. 3)                             | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V      | (A) | (D) | Date Exercisable | Expiration Date | Title        | Am or Nu of |
|--|------------------------------|------------------|------------|--|------|--------|-----|-----|------------------|-----------------|--------------|-------------|
| Non-Qualified Stock Options <u>(1)</u> | \$ 93.7                      | 05/15/2008       | 05/15/2008 | A  | V    | 13,447 |     |     | 05/15/2009       | 05/15/2018      | Common Stock | 13          |
| Restricted Stock Units <u>(2)</u>      | \$ 0                         | 05/15/2008       | 05/15/2008 | A  | V    | 1,494  |     |     | 05/15/2009       | 05/15/2018      | Common Stock | 1           |
| Performance Shares <u>(3)</u>          | \$ 0                         | 05/15/2008       | 05/15/2008 | A  | V    | 1,494  |     |     | 05/15/2009       | 05/15/2018      | Common Stock | 1           |

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |                             |       |
|--|---------------|-----------|-----------------------------|-------|
|  | Director      | 10% Owner | Officer                     | Other |
| BENCHIMOL CLAUDE<br>5791 VAN ALLEN WAY<br>CARLSBAD, CA 92008 |               |           | SVP, Research & Development |       |

## Signatures

/s/ Joseph W. Secondine, Jr. POA 05/19/2008

\_\_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) Option grant #F080266.

(2) Option grant # F080677.

(3) Option grant # F080664.

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.