#### INVITROGEN CORP

## Form SC 13G/A

#### February 13, 2002

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment)

NAME OF ISSUER INVITROGEN CORP

TITLE OF CLASS OF SECURITIES Common

CUSIP NUMBER 46185R100

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

13G

CUSIP No. 46185R100						Page 2 of 10 Page		
	Name of re							
	36-2668272	Marsh & McLennan Companies, Inc. 36-2668272						
	Check the (a) ( )							
3.	SEC use on							
4.	Citizenshi Delaware							
				Sole Voting Power  NONE				
Benefic		) )		Shared Voting Power  NONE  Oispositive Power  NONE  Shared Dispositive Power				
	with: )		8.					
				NONE				
9.	Aggregate amount beneficially owned by each reporting person NONE							
10.				ount in row (9) excludes certain sh				
11.	Percent of class represented by amount in row 9  NONE							
12.	Type of Reporting person*							
13G								
CUSIP N	CUSIP No. 46185R100 Page 3							
1.	Name of re	porting pers	son	no. of above person				

Putnam Investments, LLC. 04-2539558 \_\_\_\_\_ Check the appropriate box if a member of a group\* (a)( ) (b) ( ) 3. SEC use only 4. Citizenship or place of organization Massachusetts 5. Sole Voting Power NONE Number of shares ) Beneficially ) 6. Shared Voting Power owned by each ) 472785.898 Reporting ) Person with: ) 7. Sole Dispositive Power NONE \_\_\_\_\_ 8. Shared Dispositive Power 7402354.5 .\_\_\_\_\_ Aggregate amount beneficially owned by each reporting person 7402354.5 \_\_\_\_\_\_ Check box if the aggregate amount in row (9) excludes certain shares\* Percent of class represented by amount in row 9 13.9% 12. Type of Reporting person\* HC \_\_\_\_\_ 13G CUSIP No. 46185R100 Page 4 of 10 Pages \_\_\_\_\_ 1. Name of reporting person S.S. or I.R.S. identification no. of above person Putnam Investment Management, LLC. 04-2471937 2. Check the appropriate box if a member of a group\* (a) ( ) (b) ( )

3.	SEC use only						
4.	Citizenship or p	 place of	organization				
	Massachusetts						
			5. Sole Voting Power				
Number	of shares	\	NONE				
Benefi	cially )		Shared Voting Power				
Reporti Person	ing	)	NONE				
	with: )		7. Sole Dispositive Power				
			NONE				
		8.	Shared Dispositive Power				
			6795888.5				
9.			cially owned by each reporting person				
	6795888						
	Check box if the aggregate amount in row (9) excludes certain shares*						
11.			ented by amount in row 9				
	12.8%						
12.	Type of Reporting						
	IA						
13G							
	No. 46185R100		Page 5	of 10 Pages			
				or in rages			
1.	*		cation no. of above person				
	The Putnam Advi:		pany, LLC.				
2.	Check the approp	priate bo )	ox if a member of a group*  (b)( )				
	SEC use only						
	Citizenship or p						
	Massach	usetts					
			5. Sole Voting Power				

		•		NONE			
Number of Beneficially	shares )		Shared Voting Power				
Owned by each Reporting				472785.898			
Person with:	)		7.	Sole Dispositive Power			
				NONE			
			8.	Shared Dispositive Power			
				606466			
9. Aggrega	ate amount	t benefi	cially o	owned by each reporting person			
	606466						
10. Check box if the aggregate amount in row (9) excludes certain shares*							
	11. Percent of class represented by amount in row 9						
1.1%							
12. Type of	f Reporti	ng perso					
IA							
SECURITIES AND Washington, D.			SION				
SCHEDULE 13G							
Under the Secur	rities Exc	change A	act of 19	934			
Item 1(a)	Name of	Issuer:		INVITROGEN CORP			
Item 1(b) Address of Issuer's Principal Executive Offices:							
1600 Faraday Avenue, Carlsbad, CA 92008,							
Item 2(a) Item 2(b)							
Name of Person Filing: NONE, Residence:				Address or Principal Office or, if			
Putnam Investments, LLC. ("PI") on behalf of itself and:				One Post Office Square Boston, Massachusetts 02109			
*Marsh & McLennan Companies, Inc. 1166 Avenue of the Americas ("MMC") New York, NY 10036							
Putnam Investment Management, LI ("PIM")			LC.	One Post Office Square Boston, Massachusetts 02109			

One Post Office Square

("PAC") Boston, Massachusetts 02109 Item 2(c) Citizenship: PI, PIM and PAC are limited liability companies organized under Massachusetts law. The citizenship of other persons identified in Item 2(a) is designated as follows: Corporation - Delaware law Voluntary association known as Massachusetts business trust -Massachusetts law Item 2(d) Title of Class of Securities: Common Item 2(e) Cusip Number: 46185R100 Page 6 of 10 Pages Item 3. If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b), check whether the person filing is a: (a) ( ) Broker or Dealer registered under Section 15 of the Act Bank as defined in Section 3(a)(6) of the Act (b) ( ) Insurance Company as defined in Section 3(a)(19) of the Act (c)( ) Investment Company registered under Section 8 of the Investment ) Company Act Investment Adviser registered under Section 203 of the Investment (e) ( X ) Advisers Act of 1940 Employee Benefit Plan, Pension Fund which is subject to the (f)() provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see (Section 240.13d-1(b)(1)(ii)(F) Parent Holding Company, in accordance with Section (g) ( X ) 240.13d-1(b)(ii)(G) (h)( ) Group, in accordance with Section 240.13d-1(b)(1)(ii)(H)

The Putnam Advisory Company, LLC.

Item 4.
Ownership.

			M&MC	PIM*		
		(Parent company	holding	(Investment advisers & subsidiaries of PI)		
(a)	Amount Beneficially Owned:	NONE		6795888.5	+	
(b)	Percent of Class:		NONE	12.	8%	
(c)	Number of shares as to which such person has:					
(1)	<pre>sole power to vote or to direct the vote; (but see Item 7)</pre>		NONE	NON	E	
(2)	shared power to vote or to direct the vote; (but see Item 7) 472785.898		NONE	NON	E	
(3)	sole power to dispose or to direct the disposition of; (but see Item 7)		NONE	NON	E	
(4)	shared power to dispose or to direct the disposition of; (but see Item 7)		NONE	ALL		

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date thereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ().

Item 6. Ownership of More than Five/Ten Percent on Behalf of Another Person:
No persons other than the persons filing this Schedule 13G have an economic interest in the securities reported on which relates to more than five percent of the class of

securities. Securities reported on this Schedule 13G as being beneficially owned by M&MC and PI consist of securities beneficially owned by subsidiaries of PI which are registered investment advisers, which in turn include securities beneficially owned by clients of such investment advisers, which clients may include investment companies registered under the Investment Company Act and/or employee benefit plans, pension funds, endowment funds or other institutional clients.

Item 7. Identification and Classification of the Subsidiary Which Acquired the

Security Being Reported on By the Parent Holding Company.

PI, which is a wholly-owned subsidiary of M&MC, wholly owns two registered investment advisers: Putnam Investment Management, LLC., which is the investment adviser to the Putnam family of mutual funds and The Putnam Advisory Company, LLC., which is the investment adviser to Putnam's institutional clients. Both subsidiaries have dispository power over the shares as investment managers, but each of the mutual fund's trustees have voting power over the shares held by each fund, and The Putnam Advisory Company, LLC. has shared voting power over the shares held by the institutional clients. Pursuant to Rule 13d-4, M&MC and PI declare that the filing of this Schedule 13G shall not be deemed an admission by either or both of them that they are, for the purposes of Section 13(d) or 13(g) the beneficial owner of any securities covered by this Section 13G, and further state that neither of them

Item 8. Identification and Classification of Members of the Group: Not applicable.

dispose of, or direct the voting or disposition of, any of

Item 9. Notice of Dissolution of Group:

Not applicable.

Item 10. Certification.

have any power to vote or

the securities covered by

this Schedule 13G.

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By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business, were not acquired for the purpose of and do not have the effect of changing or influencing the control of

the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

PUTNAM INVESTMENTS, LLC.

/s/Andrew J. Hachey

BY: -----

Signature

Name/Title: Andrew J. Hachey

Vice President and Counsel

Date: February 5, 2002

For this and all future filings, reference is made to Power of Attorney dated April 29, 1999, with respect to duly authorized signatures on behalf of Marsh & McLennan Companies, Inc., Putnam Investments, LLC., Putnam Investment Management, LLC., The

Putnam Advisory Company, LLC. and any Putnam Fund wherever applicable.

For this and all future filings, reference is made to an Agreement dated June 28, 1990, with respect to one filing of Schedule 13G on behalf of said entities, pursuant to Rule 13d-1(f)(1).

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