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FORM 3

U.S. SECURITIES AND EXCHANGE  
Washington, D.C. 20549

INITIAL STATEMENT OF 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 20(f) of the Investment Company Act of 1949

1. Name and Address of Reporting Person

Esteve Antonio  
(Last) (First) (Middle)  
350 South Main Street, Suite 307  
(Street)  
Doylestown PA 18901  
(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)

5/21/02

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Issuer Name and Ticker or Trading Symbol

Discovery Laboratories, Inc. (DSCO)

5. Relationship of Reporting Person to Issuer  
(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. If Amendment, Date of Original (Month/Day/Year)

7. Individual or Joint/Group Filing (Check Applicable Line)

Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	317,164	I	Laboratorios P.E.N.S.A.
Common Stock	821,862	I	Laboratorios del Dr. Esteve S.A.

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

Table II -- Derivative Securities Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title			
Stock Options	5/21/02	5/20/12	Common Stock	20,000	\$1.41	D

Explanation of Responses:

(1) Director Automatic Option Grant - Vests one year from date of grant.

/s/ Antonio Esteve

5/31/02

\*\*Signature of Reporting Person

Date

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations.

See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: See Instruction 6 for procedure. File three copies of this Form, one of which must be manually signed. If space provided is insufficient.