Protalix BioTherapeutics, Inc.
Form 3
July 17, 2008

FORM 3

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

OMB APPROVAL

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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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Â Akirov Alfred

(Last) (First) (Middle)

C/O PROTALIX BIOTHERAPEUTICS, INC.,Â 2 SNUNIT STREET, SCIENCE PARK, POB 455

(Street)

CARMIEL,Â L3Â 20100

(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
01/31/2008

3. Issuer Name **and** Ticker or Trading Symbol
Protalix BioTherapeutics, Inc. [PLX]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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. 5)
Common Stock	6,186,046	I	By Corporation (1)

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

SEC 1473 (7-02)

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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	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Akirov Alfred C/O PROTALIX BIOTHERAPEUTICS, INC. 2 SNUNIT STREET, SCIENCE PARK, POB 455 CARMIEL,Â L3Â 20100	Â X	Â	Â	Â

Signatures

/s/ Yossi Maimon, POA	07/17/2008
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 5(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) All shares of common stock are held by Techno-Rov Holdings (1993) Ltd. Mr. Akirov is the Chairman of the Board and the Chief Executive Officer of the Alrov Group, which holds 80% of the capital stock of Techno-Rov Holdings. The Alrov Group is an Israeli publicly-traded company that is listed on the Tel Aviv Stock Exchange. Mr. Akirov disclaims beneficial ownership of the securities of the Issuer held, and previously reported, by Techno-Rov Holdings, except to the extent of his proportional pecuniary interest therein.

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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