IVAX DIAGNOSTICS INC Form SC 13D/A September 05, 2008

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D/A (Amendment No. 2)

Under the Securities Exchange Act of 1934*

IVAX DIAGNOSTICS, INC.

(Name of Issuer)

Common Stock, par value \$0.01 per share

(Title of Class of Securities)

45070W 10 9

(CUSIP Number)

IVAX Corporation
c/o Richard S. Egosi, Esq.
Teva Pharmaceuticals USA, Inc.
425 Privet Road
P.O. Box 1005
Horsham, PA 19044-8005
(215) 293-6400

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

Copies to:

Peter H. Jakes, Esq. Jeffrey S. Hochman, Esq. Willkie Farr & Gallagher LLP 787 Seventh Avenue New York, NY 10019-6099 (212) 728-8000

September 2, 2008

(Date of Event which Requires Filing of this Schedule)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of ss.ss. 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box: []

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 240.13d-7 for other parties to whom copies are to be sent.

* 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 disclosures provided in a prior cover page.

The information required on 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).

SCHEDULE 13D/A

CUSIP No. 45070W 10 9			P -	age 2 of 5 Pages		
1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)					
	Teva Pharmaceutical Industries Limited					
2	CHECK THE	THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [] (b) []				
3	SEC USE ONLY					
4	SOURCE OF FUNDS*					
	Not applicable					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) []					
6	CITIZENSHIP OR PLACE OF ORGANIZATION					
	Israel					
		7	SOLE VOTING POWER			
			0			
		8	SHARED VOTING POWER			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			0			
		9	SOLE DISPOSITIVE POWER			
			0			
		10	SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMOUNT	BENEFICIALLY OWNED BY EACH PERS	ON		
	0					
12	CHECK BOX		AGGREGATE AMOUNT IN ROW (11) EX	CLUDES CERTAIN		

13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
	0.0%
14	TYPE OF REPORTING PERSON*
	со

SCHEDULE 13D/A

CUSIP No.	45070W 10 9		Pa	ge 3 of 5 Pages 		
1	I.R.S. ID	REPORTING PERSON DENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
	IVAX Corporation					
2	CHECK THE	APPROPR	IATE BOX IF A MEMBER OF A GROUP	(a) [] (b) []		
3	SEC USE O	SEC USE ONLY				
4	SOURCE OF	SOURCE OF FUNDS*				
	Not applicable					
5		CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDING IS REQUIRED PURSUANT TITEMS 2(d) or 2(e) []				
6	CITIZENSH	SHIP OR PLACE OF ORGANIZATION				
	State of	Florida				
		7	SOLE VOTING POWER			
			0			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		8	SHARED VOTING POWER			
			0			
		9	SOLE DISPOSITIVE POWER			
			0			
		10	SHARED DISPOSITIVE POWER			
			0			

	0
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* []
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
	0.0%
14	TYPE OF REPORTING PERSON*
	CO

This Amendment No. 2 ("Amendment No. 2") amends the Schedule 13D filed with the Securities and Exchange Commission (the "SEC") on March 26, 2001 by IVAX Corporation ("IVAX"), a Florida corporation and wholly-owned subsidiary of Teva (as defined below), as amended by Amendment No. 1 to Schedule 13D/A filed with the SEC on January 26, 2006 (as amended through this Amendment No. 2, the "Schedule 13D"), and is being filed on behalf of IVAX and Teva Pharmaceutical Industries Limited, an Israeli corporation ("Teva" and, together with IVAX, the "Filers"). The Schedule 13D relates to the common stock, par value \$0.01 per share (the "Common Stock"), of IVAX Diagnostics, Inc., a Delaware corporation (the "Company").

Item 5. Interest in Securities of the Issuer.

Item 5 is amended by adding the following:

Pursuant to stock purchase agreements entered into by IVAX and each of Debregeas & Associes Pharma SAS, a French Company ("Debregeas"), UMBRIA LLC, a company organized under the laws of the Republic of the Seychelles ("Umbria"), and Paul F. Kennedy (together with Debregeas and Umbria, the "Buyers"), the Buyers purchased from IVAX all of the 20 million shares of Common Stock that IVAX owned for an aggregate purchase price of \$14 million. As of the date hereof, neither of the Filers own any Common Stock.

SIGNATURES

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

Dated: September 5, 2008

TEVA PHARMACEUTICAL INDUSTRIES LIMITED

By: /s/ Doron Blachar

Name: Doron Blachar

Title: Vice President Finance

By: /s/ Dov Bergwerk

Name: Dov Bergwerk

Title Legal

IVAX CORPORATION

By: /s/ Deborah Griffin

Name: Deborah Griffin

Title: Vice President and Treasurer

By: /s/ Austin D. Kim

Name: Austin D. Kim

Title Assistant Secretary

[SIGNATURE PAGE TO AMENDMENT NO. 2 TO SCHEDULE 13D WITH RESPECT TO IVAX DIAGNOSTICS, INC.]