ABBOTT LABORATORIES Form S-8 October 12, 2010

As filed with the Securities and Exchange Commission on October 12, 2010.

Registration No. 333-

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

Abbott Laboratories

(Exact name of registrant as specified in its charter)

Illinois

(State or other jurisdiction of incorporation or organization)

Abbott Laboratories
100 Abbott Park Road
Abbott Park, Illinois
(Address of Principal Executive Offices)

36-0698440

(I.R.S. Employer Identification No.)

60064-6400 (Zip Code)

ABBOTT LABORATORIES DEFERRED COMPENSATION PLAN

(Full title of the plan)

| Laura J. Schumacher | | |
|---|--|--|
| Abbott Laboratories | | |
| 100 Abbott Park Road | | |
| Abbott Park, Illinois 60064-6400 | | |
| (Name and address of agent for service) | | |
| | | |
| Telephone number, including area code, of agent for service: (847) 937-6100 | | |
| | | |
| | | |
| Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange A (Check one): | | |
| Large accelerated filer x Accelerated filer o | | |
| Non-accelerated filer o (Do not check if a smaller reporting company) Smaller reporting company o | | |
| CALCULATION OF REGISTRATION FEE | | |
| Proposed maximum Amount to be maximum offering price per share (a) Deferred Obligations The deferred obligations are unsecured obligations of Abbott Laboratories to pay deferred compensation in the future in accordance with the terms of the Abbott Laboratories Deferred Compensation Plan. | | |
| | | |

| Pursuant to General Instruction E, the contents of Abbott Laboratories Non-Qualified Deferred Compensation Plan Registration Statement on Form S-8 (File no. 333-74220) are incorporated herein by reference. |
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| Part II. Information Required in the Registration Statement |
| Item 8. Exhibits |
| See Exhibit Index, which is incorporated herein by reference. |
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SIGNATURES

THE REGISTRANT. Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in unincorporated Lake County, and State of Illinois, on October 12, 2010.

ABBOTT LABORATORIES

/s/ Miles D. White By: Miles D. White,

Chairman of the Board and

Chief Executive Officer

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Each person whose signature appears below constitutes and appoints Miles D. White and Laura Schumacher, Esq., and each of them, as his or her true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments to this registration statement, and to file the same with all exhibits thereto, and other documents in connection therewith, with the Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each act and thing requisite and necessary to be done, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

| Signature | Title | Date |
|--|---|------------------|
| /s/ Miles D. White Miles D. White | Chairman of the Board, Chief Executive Officer, and Director | October 12, 2010 |
| /s/ Thomas C. Freyman Thomas C. Freyman | Executive Vice President, Finance and Chief Financial Officer (Principal Financial Officer) | October 12, 2010 |
| /s/ Greg W. Linder Greg W. Linder | Vice President and Controller (Principal Accounting Officer) | October 12, 2010 |
| /s/ Robert J. Alpern, M.D. Robert J. Alpern, M.D. | Director | October 12, 2010 |
| /s/ Roxanne S. Austin Roxanne S. Austin | Director | October 12, 2010 |
| /s/ William M. Daley William M. Daley | Director | October 12, 2010 |
| /s/ W. James Farrell W. James Farrell | Director | October 12, 2010 |
| /s/ H. Laurance Fuller H. Laurance Fuller | Director | October 12, 2010 |

| Edward M. Liddy | Director | October , 2010 |
|--|----------|------------------|
| /s/ Phebe N. Novakovic Phebe N. Novakovic | Director | October 12, 2010 |
| /s/ William A. Osborn William A. Osborn | Director | October 12, 2010 |
| /s/ David A. L. Owen David A. L. Owen | Director | October 12, 2010 |
| /s/ Roy S. Roberts Roy S. Roberts | Director | October 12, 2010 |
| /s/ Samuel C. Scott III Samuel C. Scott III | Director | October 12, 2010 |
| /s/ William D. Smithburg William D. Smithburg | Director | October 12, 2010 |
| /s/ Glenn F. Tilton Glenn F. Tilton | Director | October 12, 2010 |
| | | |

EXHIBIT INDEX

| Exhibit No. | Description |
|-------------|--|
| 5 | Opinion of Mayer Brown LLP. |
| 23.1 | Consent of Mayer Brown LLP is included in the opinion filed as Exhibit 5 hereto. |
| 23.2 | Consent of Deloitte & Touche LLP. |
| 24 | Power of Attorney is included on the signature page. |
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