

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

POST-EFFECTIVE AMENDMENT NO. 1

to

FORM S-8  
REGISTRATION STATEMENT UNDER  
THE SECURITIES ACT OF 1933

BIOTIME, INC.

**California**

(State or other jurisdiction of incorporation or  
organization)

**94-3127919**

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

1301 Harbor Bay Parkway, Suite 100, Alameda, California 94502  
(Address of principal executive offices) (Zip Code)

2002 Stock Option Plan  
(Full title of the plan)

Robert W. Peabody  
Senior Vice President, Chief Operating Officer, and Chief Financial Officer  
BioTime, Inc.  
1301 Harbor Bay Parkway, Suite 100  
Alameda, California 94502  
(Name and address of agent for service)

(510) 521-3390  
(Telephone number, including area code, of agent for service)

Copies of all communications, including all communications sent to the agent for service, should be sent to:

RICHARD S. SOROKO, ESQ.  
Thompson, Welch, Soroko & Gilbert LLP  
201 Tamal Vista Blvd.  
Corte Madera, California 94925  
Tel. (415) 927-5200

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 Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company)

Smaller reporting company

The contents of Registration Statement on Form S-8 File No. 333-101651 and Registration Statement on Form S-8 File No. 333-122844 are hereby incorporated by reference.

**Item 8. Exhibits.**

<u>Exhibit Numbers</u>	<u>Description</u>
4.1	Specimen of Common Share Certificate.H
4.2	2002 Stock Option Plan, as amendedHH
5.1	Opinion of CounselHH
23.1	Consent of Rothstein Kass & Company, P.C.*
23.2	Consent of Counsel (Included in Exhibit 5.1)

H Incorporated by reference to Registration Statement on Form S-1, File Number 33-44549 filed with the Securities and Exchange Commission on December 18, 1991, and Amendment No. 1 and Amendment No. 2 thereto filed with the Securities and Exchange Commission on February 6, 1992 and March 7, 1992, respectively.

HH Previously filed

\* Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant has duly caused this Post-Effective Amendment to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Alameda, State of California on April 1, 2011.

BIOTIME, INC.

By /s/ Michael D.  
West  
\_\_\_\_\_  
Chief Executive  
Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment to the Registration Statement has been signed below by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Michael D. West</u> MICHAEL D. WEST, PH.D.	Chief Executive Officer and Director (Principal Executive Officer)	April 1, 2011
<u>/s/ Robert W. Peabody</u> ROBERT W. PEABODY	Chief Financial Officer (Principal Financial and Accounting Officer)	April 1, 2011
<u>/s/ Neal C. Bradsher</u> NEAL C. BRADSHER	Director	April 1, 2011
<u>/s/ Arnold I. Burns</u> ARNOLD I. BURNS	Director	April 1, 2011
<u>ABRAHAM E. COHEN</u>	Director	April __, 2011
<u>/s/ Alfred D. Kingsley</u> ALFRED D. KINGSLEY	Director	April 1, 2011
<u>PEDRO LICHTINGER</u>	Director	April __, 2011
<u>/s/ Judith Segall</u> JUDITH SEGALL	Director	April 1, 2011

## EXHIBIT INDEX

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\* Filed herewith.

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We hereby consent to the incorporation by reference in the Registration Statements on Form S-8 (Nos. 333-101651, 333-122844, and 333-163396) of BioTime, Inc. of our report dated March 10, 2011, relating to the financial statements for the year ended December 31, 2010, which appears in BioTime's Form 10-K.

/s/ ROTHSTEIN KASS & COMPANY, P.C.

Roseland, New Jersey  
April 4, 2011