

NOVO NORDISK A S
Form 6-K
April 17, 2012

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER

Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934

April 17, 2012

NOVO NORDISK A/S

(Exact name of Registrant as specified in its charter)

Novo Allé

DK- 2880, Bagsvaerd

Denmark

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F

Form 20-F Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g-32(b):82-_____

Company Announcement

17 April 2012

Novo Nordisk A/S – Share repurchase programme

On 2 February 2012 Novo Nordisk initiated a share repurchase programme in accordance with the provisions of the European Commission's regulation no 2273/2003 of 22 December 2003, also referred to as the Safe Harbour rules.

Under the programme Novo Nordisk will repurchase B shares for an amount up to DKK 2.5 billion in the period from 2 February 2012 to 25 April 2012.

Since the announcement as of 10 April 2012, the following transactions have been made under the programme:

	Number of shares	Average purchase price	Transaction value, DKK
Accumulated, last announcement	2,541,000		1,991,384,768
10 April 2012	55,000	827.43	45,508,436
11 April 2012	50,000	820.20	41,010,145
12 April 2012	50,000	824.60	41,229,980
13 April 2012	50,000	824.45	41,222,595
16 April 2012	50,000	836.09	41,804,685
Accumulated under the programme	2,796,000		2,202,160,608

With the transactions stated above, Novo Nordisk owns a total of 27,749,627 treasury shares, corresponding to 4.8% of the share capital. The total amount of shares in the company is 580,000,000 including treasury shares.

Novo Nordisk expects to repurchase B shares worth DKK 12.0 billion during a 12 month period beginning 2 February 2012. As of 16 April 2012, Novo Nordisk has repurchased a total of 2,796,000 B shares equal to a transaction value of DKK 2,202,160,608.

Company Announcement no 24 / 2012

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Novo Nordisk A/S	Novo Allé	Telephone:	Internet:	CVR no:
Investor Relations	2880 Bagsværd	+45 4444 8888	novonordisk.com	24256790
	Denmark	Telefax:		
		+45 4444 6626		

Novo Nordisk is a global healthcare company with 89 years of innovation and leadership in diabetes care. The company also has leading positions within haemophilia care, growth hormone therapy and hormone replacement therapy. Headquartered in Denmark, Novo Nordisk employs approximately 32,700 employees in 75 countries, and markets its products in more than 190 countries. Novo Nordisk's B shares are listed on NASDAQ OMX Copenhagen (Novo-B). Its ADRs are listed on the New York Stock Exchange (NVO). For more information, visit novonordisk.com.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf of the undersigned, thereunto duly authorized.

Date: April 17, 2012

NOVO NORDISK A/S

Lars Rebien Sørensen,

President and Chief Executive Officer