NOVO NORDISK A S Form 6-K May 04, 2007

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

FORM 6-K

REPORT OF FOREIGN ISSUER

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

MAY 4, 2007

 ${\tt NOVO~NORDISK~A/S} \\ ({\tt Exact~name~of~Registrant~as~specified~in~its~charter})$

NOVO ALLE

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 [X] 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 [X]

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

DIRECTOR/PDMR SHAREHOLDING

TRADING IN NOVO NORDISK SHARES BY BOARD MEMBERS, EXECUTIVES AND ASSOCIATED PERSONS AS REPORTED TO NOVO NORDISK ON 2 MAY 2007

In accordance with Section 28a of the Danish Securities Trading Act, Novo Nordisk is required on a daily basis to publish trading in Novo Nordisk shares by the company's board members, executives and their associated persons as

reported by those persons to Novo Nordisk.

Please find below a statement of such trading in shares issued by Novo Nordisk.

NAME

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION

TOTAL VALUE OF TRANSACTION DKK 1,584,000

NAME

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

TYPE OF TRANSACTION DATE OF TRANSACTION VOLUME OF TRANSACTION
TOTAL VALUE OF TRANSACTION

NAME

REASON FOR REPORTING

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION

LARS REBIEN SORENSEN

CHIEF EXECUTIVE OFFICER

EXERCISE OF OPTIONS (PURCHASE OF SHARES)

2 MAY 2007

COPENHAGEN STOCK EXCHANGE 8,000 SHARES

LARS REBIEN SORENSEN

CHIEF EXECUTIVE OFFICER

SALE OF SHARES 2 MAY 2007

COPENHAGEN STOCK EXCHANGE 8,000 SHARES

TOTAL VALUE OF TRANSACTION DKK 4,535,520

JESPER BRANDGAARD

CHIEF FINANCIAL OFFICER

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

EXERCISE OF OPTIONS (PURCHASE OF SHARES)

2 MAY 2007

COPENHAGEN STOCK EXCHANGE

13,780 SHARES DKK 2,728,440

JESPER BRANDGAARD

CHIEF FINANCIAL OFFICER

NOVO NORDISK B SHARES DK 001028081

SALE OF SHARES 2 MAY 2007

COPENHAGEN STOCK EXCHANGE

6,780 SHARES DKK 3,851,040 6,780 SHARES

NAME

REASON FOR REPORTING

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION

NAME

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

TYPE OF TRANSACTION EXERCISE OF OPTIONS (PURCHASE OF SHARES) TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION DKK 125,000

JESPER BRANDGAARD

CHIEF FINANCIAL OFFICER

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

SALE OF SHARES 2 MAY 2007

COPENHAGEN STOCK EXCHANGE

7,000 SHARES DKK 3,934,000

LISE KINGO

CHIEF OF STAFFS

2 MAY 2007

COPENHAGEN STOCK EXCHANGE

1,000 SHARES

NAME

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION

NAME

REASON FOR REPORTING

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION

TOTAL VALUE OF TRANSACTION DKK 1,328,000

NAME

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE
TYPE OF TRANSACTION
DATE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION VOLUME OF TRANSACTION TOTAL VALUE OF TRANSACTION

NAME

REASON FOR REPORTING

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

TYPE OF TRANSACTION DATE OF TRANSACTION PLACE OF TRANSACTION

VOLUME OF TRANSACTION

TOTAL VALUE OF TRANSACTION

DEFINITIONS AND BACKGROUND INFORMATION:

PUBLICATION

Publication shall take place the day after Novo Nordisk receives sufficient information on the trading. Publication is only required when the total amount of transactions of a specific board member/executive and his/her associated

persons in any one calendar year has reached 5,000 euros.

WHO ARE BOARD MEMBERS, EXECUTIVES AND ASSOCIATED PERSONS?

Board members and executives are members of the Board of Directors and Executive Management, respectively, of Novo Nordisk A/S. Associated persons are defined as the following persons associated to a board member/executive: 1) spouse or cohabitant, 2) children under the age of 18 years, 3) relatives defined as brothers, sisters, parents, grandparents etc, children, grandchildren etc who

have shared the same household with a board member/executive for at least one

LISE KINGO CHIEF OF STAFFS

NOVO NORDISK B SHARES DK 001028081 EXERCISE OF OPTIONS (PURCHASE OF SHARES)

2 MAY 2007

COPENHAGEN STOCK EXCHANGE

5,500 SHARES DKK 1,089,000

LISE KINGO CHIEF OF STAFFS

FINANCIAL INSTRUMENT AND ID CODE NOVO NORDISK B SHARES DK 001028081

EXERCISE OF OPTIONS (PURCHASE OF SHARES)

2 MAY 2007

COPENHAGEN STOCK EXCHANGE

4,000 SHARES

LISE KINGO CHIEF OF STAFFS

SALE OF SHARES 2 MAY 2007

COPENHAGEN STOCK EXCHANGE

12,055 SHARES DKK 6,750,800

MADS KROGSGAARD THOMSEN

CHIEF SCIENCE OFFICER

NOVO NORDISK B SHARES DK 001028081

EXERCISE OF OPTIONS (PURCHASE OF SHARES)

2 MAY 2007

COPENHAGEN STOCK EXCHANGE

13,780 SHARES DKK 2,728,440

MADS KROGSGAARD THOMSEN

CHIEF SCIENCE OFFICER

SALE OF SHARES 2 MAY 2007

COPENHAGEN STOCK EXCHANGE

13,780 SHARES DKK 7,771,920

year, and 4) any legal person, including a company, a foundation or a partnership, which is controlled directly or indirectly by a board member/executive and/or a person mentioned in 1)-3), or to which a board member/executive and/or a person mentioned in 1)-3) has managerial responsibilities or economic interests substantially equivalent to the legal person.

WHAT IS TRADING/TRANSACTION?

Trading is any kind of transaction, including shares purchased or otherwise acquired, shares sold or otherwise disposed, gifts, mortgages and grants and exercise of options, but not heritage.

WHAT IS FINANCIAL INSTRUMENT AND ID CODE?

Financial instrument includes shares listed on the Copenhagen Stock Exchange and London Stock Exchange as well as ADRs listed on New York Stock Exchange, except for ADRs held in 401(k) retirement plan by US-based employees. The ID code is the code (ISIN DK001028081) of the Novo Nordisk share on the Copenhagen Stock Exchange, the code (NVOB) on London Stock Exchange or the code (NVO) on New York Stock Exchange.

WHAT IS DATE AND PLACE OF TRANSACTION?

Date of transaction is the actual transaction date. The place of transaction is the actual place of transaction, ie Copenhagen Stock Exchange, London Stock Exchange or New York Stock Exchange.

WHAT IS VOLUME AND VALUE OF TRANSACTION?

The volume of transaction is the number of shares (of DKK 2 nominal value) or other financial instruments traded. The transaction value is the number of shares traded multiplied by the transaction price. The exchange rate of the Danish Central Bank (Nationalbanken) on the date of transaction is used for calculating the transaction value in DKK in case of shares traded on London Stock Exchange and ADRs listed on New York Stock Exchange.

Novo Nordisk is a healthcare company and a world leader in diabetes care. The company has the broadest diabetes product portfolio in the industry, including the most advanced products within the area of insulin delivery systems. In addition, Novo Nordisk has a leading position within areas such as haemostasis management, growth hormone therapy and hormone replacement therapy. Novo Nordisk manufactures and markets pharmaceutical products and services that make a significant difference to patients, the medical profession and society. With headquarters in Denmark, Novo Nordisk employs more than 23,600 employees in 79 countries, and markets its products in 179 countries. Novo Nordisk's B shares are listed on the stock exchanges in Copenhagen and London. Its ADRs are listed on the New York Stock Exchange under the symbol 'NVO'. For more information, visit novonordisk.com.

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Stock exchange Announcement no 10 / 2007

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: MAY 4, 2007 NOVO NORDISK A/S

Lars Rebien Sorensen,
President and Chief Executive Officer