### FORM 5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

# ANNUAL STATEMENT OF CHANGES IN BENEFICIAL **OWNERSHIP**

| OMB APPROVAL             |     |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|
| OMB Number: 3235-0362    |     |  |  |  |  |  |  |
| Estimated average burden |     |  |  |  |  |  |  |
| hours per response:      | 1.0 |  |  |  |  |  |  |

Form 3 Holdings Reported.

Instruction 1(b)

| Form 4   | Transactions R  | eported.                                   | File  | ed pursuant to<br>or Sectior   |   |                                 |   |            | ities Excha<br>ompany Ad             |   |   |            |   |                     |   |   |                                       |  |
|--|---|--|---|--|---|---------------------------------|---|------------|--------------------------------------|---|---|------------|---|---------------------|---|---|---------------------------------------|--|
| 1. Name and Address of Reporting Person*  RASMUSSEN HENRIK S MD  |   |  |   | 2. Issuer Name and Ticker or Trading Symbol NABI BIOPHARMACEUTICALS [ NABI ] |   |                                 |   |            |                                      | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner |   |            |   |                     |   |   |                                       |  |
| (Last) (First) (Middle) C/O NABI BIOPHARMACEUTICALS 5800 PARK OF COMMERCE BLVD., N.W.  |   |  |   |  | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2005               |                                 |   |            |                                      | )   | X Officer (give title below) Other (specify below) Sr. VP Clin. Med. & Reg. Affs.                               |            |   |                     |   |   |                                       |  |
| (Street) BOCA R. (City)  | ATON FL   |  | 3487<br>Zip)  | 4. If Amend  | dment   | , Date (                        | of Oriç   | ginal File | d (Month/l                           | Day/Ye  | ar)   | Line       | )<br><mark>K</mark> Form                              | n filed by O        | ne Re   | porting Pe  |                                       |  |
|  |   | Tabl                                       | e I - Non-Deriv   | ative Sec  | uritie  | s Ac                            | quir  | ed, Di     | sposed                               | of, o   | Benefi  | ciall      | y Owne  | ed                  |   |   |                                       |  |
| Date   |   | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | Code (Instr.  |                                 | 4. Securities Acquired (A) or Dispose (D) (Instr. 3, 4 and 5)                   |            |                                      | Securiti<br>Benefic   |   | ies O      |   | ership<br>n: Direct | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |   |                                       |  |
|  |   |  |   | (MONIN/Day/Y   | ear)  | 8)                              |   | Amount     |                                      | (A) or<br>(D)   | Price   |            | Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) |                     | (D) or<br>Indirect (I)<br>(Instr. 4)                |   | (Instr. 4)                            |  |
| Common Stock   |   |  | 11/30/2005  | J <sup>(1</sup>  |   | )                               | 953.7002  |            | A                                    | \$2.635   |   | 2,830.0529 |   | D                   |   |   |                                       |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |   |  |   |                                 |   |            |                                      |   |   |            |   |                     |   |   |                                       |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8)                                      | 5. Nu<br>of<br>Deriv<br>Secul<br>Acqu<br>(A) of<br>Dispo<br>of (D)<br>(Instr<br>and 5 | ative<br>rities<br>ired<br>osed | 6. Date Exercisable a Expiration Date (Month/Day/Year)  Date Exercisable Expira |            | ration Date th/Day/Year)  Expiration |   | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amoun or Numbe of Title Shares |            | Price of<br>erivative<br>ecurity<br>nstr. 5)          |                     |   | 10.<br>Ownershi<br>Form:<br>Direct (D)<br>or Indirec<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4) |  |

## Explanation of Responses:

1. Voluntarily reported acquisition under the issuer's 2000 Employee Stock Purchase Plan, which is an exempt transaction pursuant to Rule 16b-3(c).

## Remarks:

/s/ James E. Dawson, as attorney-in-fact

02/14/2006

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.