K991704

JUN 25 1999

510(k) Summary
For N/T Protein Control LC

1. **Manufacture's Name, Address, Telephone, and Contact Person, Date of Preparation:**

Manufacturer:	Dade Behring Marburg GmbH Emil-von-Behring Str. 76 Marburg/Germany
Contact Information:	Dade Behring Inc. Glasgow Site P.O. Box 6101 Newark, Delaware 19714 Attn: Rebecca S. Ayash Tel: 302-631-6276
Preparation date:	May 19, 1999

2. **Device Name/ Classification:**

N/T Protein Control LC:	Quality Control Material (assayed)
Classification Number:	Class I (862.1660)

3. **Identification of the Legally Marketed Device:**

N/T Protein Control UY (K955858)

4. **Device Description:**
N/T Protein Control LC is a lyophilized control prepared from human urine and serum proteins with polygeline, rabbit albumin, and preservative. It is intended to be used as an accuracy control for the determination of human proteins in urine and CSF by immunonephelometry with the Behring Nephelometer Systems and by immunoturbidimetry with the TurbiTimeSystem.

5. **Device Intended Use:**
N/T Protein Control LC is intended for use as an assayed accuracy control for immunonephelometric determination of the proteins α_1-microglobulin in urine, IgA in CSF, IgG in CSF, transferrin in urine, albumin in urine and CSF, and total protein in urine and CSF using the Behring Nephelometer Systems and also for IgG in CSF and albumin in urine and CSF, using the TurbiTimeSystem.

6. **Medical device to which equivalence is claimed and comparison information:**
There are a number of *in vitro* diagnostic products that are used as quality control material to monitor the accuracy of immunology procedures. One such product is the N/T Protein Control UY (K955858). The N/T Protein Control LC is substantially equivalent in intended use to the N/T Protein Control UY. The N/T Protein Control LC, like the N/T Protein Control UY, is a lyophilized, multi-analyte control with known concentrations of specific proteins for control of nephelometric and turbidometric procedures.

7. Device Performance Characteristics:

Stability:
Stability was evaluated according to in-house protocols and the control was found to be stable for at least 24 months at +2° to +8° C, as originally packaged and for at least 14 days at +2° to +8° C, once reconstituted.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Food and Drug Administration
2098 Gaither Road
Rockville MD 20850

JUN 25 1999

Ms. Rebecca S. Ayash
Manager, Regulatory Affairs, Biology
Dade Behring, Inc.
P.O. Box 6101
Newark, Delaware 19714

Re: K991704
Trade Name: N/T Protein Control LC
Regulatory Class: I
Product Code: JJY
Dated: May 19, 1999
Received: May 19, 1999

Dear Ms. Ayash:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

Under the Clinical Laboratory Improvement Amendments of 1988 (CLIA-88), this device may require a CLIA complexity categorization. To determine if it does, you should contact the Centers for Disease Control and Prevention (CDC) at (770) 488-7655.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4588. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification"(21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597, or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

Steven Gutman

Steven I. Gutman, M.D, M.B.A.
Director
Division of Clinical
Laboratory Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use Statement

Device Name: N/T Protein Control LC

Indications for Use:

N/T Protein Control LC is intended for use as an assayed accuracy control for immunonephelometric determination of the proteins α_1-microglobulin in urine, IgA in CSF, IgG in CSF, transferrin in urine, albumin in urine and CSF, and total protein in urine and CSF using the Behring Nephelometer Systems and also for IgG in CSF and albumin in urine and CSF, using the TurbiTimeSystem.

(PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

(Division Sign-Off)
Division of Clinical Laboratory Devices
510(k) Number K991704

Prescription Use ✓
(Per 21 CFR 801.109)

Over-The-Counter-Use ____
(Optional Format 1-2-96)