



DEPARTMENT OF HEALTH & HUMAN SERVICES

Food and Drug Administration
2098 Gaither Road
Rockville MD 20850

JUL 12 2002

Borek Janik, Ph.D.
Official Correspondent
Morax
13805 Waterloo
Chelsea, MI 48118

Re: k022053
Trade/Device Name: Hydrigel 7 Lipoprotein(E)
Hydrigel Lipoprotein(E) 15/30
Regulation Number: 21 CFR 862.1475
Regulation Name: Lipoprotein test system
Regulatory Class: Class I, reserved
Product Code: JHO
Dated: June 19, 2002
Received: June 24, 2002

Dear Dr. Janik:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and 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) that do not require approval of a premarket approval application (PMA). 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 (PMA), 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 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

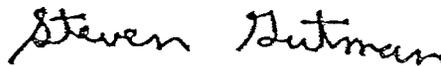
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

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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" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers International and Consumer 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 I. Gutman, M.D., M.B.A.
Director
Division of Clinical Laboratory-Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): (Special 510(k): Device Modification)

Device name: HYDRAGEL 7 LIPOPROTEIN(E) PN 4114
HYDRAGEL LIPOPROTEIN(E) 15/30 PN 4134

Indications For Use:

The HYDRAGEL 7 LIPOPROTEIN(E) and HYDRAGEL LIPOPROTEIN(E) 15/30 kits are designed for determination of lipoprotein profiles in human serum. They all utilize the same composition of alkaline buffered agarose gels, same reagents and the same procedure. They are all designed for use with the semi-automated HYDRASYS electrophoresis apparatus. The only differences among the individual kits are the intended number of samples per gel: 7, 15 or 30 samples.

The assay is carried out in two stages:

- electrophoresis on agarose gel to separate the VLDL, LDL and HDL as well as chylomicrons when present,
- visualization of lipoprotein fractions with a lipid specific Sudan black stain; the excess of stain is removed with an alcoholic solution.

The resulting electrophoregrams can be evaluated visually for pattern abnormalities or by densitometry to obtain approximate, relative quantification of individual zones. Fredrickson classification of lipoproteins aids in the interpretation of lipoprotein patterns. Both the qualitative (presence of abnormal or absence of normal fractions) and semi-quantitative (relative increase or decrease of fractions) abnormalities necessitate further lipoprotein analyses.

The procedure is indicated for the general population for determination of lipoprotein profiles.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Jean Cooper
(Division Sign-Off)
Division of Clinical Laboratory Devices
510(k) Number K022053

Prescription Use X
(Per 21 CFR 801.109)

OR

Over-The Counter Use _____

(Optional Format 1-2-96)