



DEPARTMENT OF HEALTH & HUMAN SERVICES

Food and Drug Administration  
2098 Gaither Road  
Rockville MD 20850

JAN 15 2002

Paul W. MacDonald  
Director of Quality Assurance/Regulatory Affairs  
Nova Biomedical Corporation  
200 Prospect Street  
Waltham, MA 02254-9141

Re: k013729  
Trade/Device Name: k013729  
Regulation Number: 21 CFR 862.1120; 21 CFR 862.1150; 21 CFR 862.1660  
Regulation Name: Blood gases (P<sub>co2</sub>, P<sub>o2</sub>) and blood pH test system; Calibrator;  
Quality control material (assayed and unassayed)  
Regulatory Class: Class II; Class II; Class I  
Product Code: CHL; JIX; JJS  
Dated: November 8, 2001  
Received: November 9, 2001

Dear Mr. MacDonald:

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.

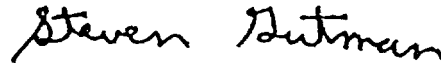
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's 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.

Page 2 -

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

## Indications for Use

510(k) Number: K013729

Device Name: Stat Profile pHox Basic Analyzer

### Indications for Use:

#### Intended Use

The Stat Profile pHox Basic Analyzer is intended for in vitro diagnostic use by health care professionals and for Point-of-Care usage for the quantitative determination of pH, pCO<sub>2</sub> and pO<sub>2</sub> in heparinized whole blood.

Measurements of blood gases and blood pH are used in the diagnosis and treatment of life-threatening acid-base disturbances.

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

Jean Coogan  
Concurrence of CDRH, Office of Device Evaluation (ODE)

(Optional Format 3-10-98)

prescription use



Jean Coogan  
(Division Sign-Off)  
Division of Clinical Laboratories  
510(k) Number K013729