DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
2098 Gaither Road
Rockville MD 20850

JUL 22 1997

Mr. James SaFranko
Manager, Quality Assurance and Regulatory Affairs
BioChem ImmunoSystems, Inc.
100 Cascade Drive
Allentown, PA 18103-9562

Re: K971761
PersonalLAB™ Automated Microplate Analyzer
Regulatory Class: I
Product Code: JJE
Dated: May 9, 1997
Received: May 12, 1997

Dear Mr. SaFranko:

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 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 requirement, 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/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

510(k) Number (if known): K971761

Device Name: **PersonalLAB™ Automated Microplate Analyzer**

Indications For Use:

The PersonalLAB™ Automated Microplate Analyzer from BIOCHEM IMMUNOSYSTEMS (U. S.), INC. of Allentown Pennsylvania is a fully automated microplate analyzer. The analyzer is used for the in vitro diagnostic processing of human and animal specimens with immunoenzymatic techniques, developed on 96 well microplate formats, such as:

- E.I.A. (Enzyme Immuno Assay), and
- E.L.I.S.A. (Enzyme Linked Immuno Sorbent Assay).

The PersonalLAB™ Automated Microplate Analyzer is intended to duplicate the manual analytical procedures associated to an assay and the assay's reagents, by performing automatically the various steps identified in the assay manufacturer's Instructions For Use. The steps performed are as follows:

- Specimen handling and identification,
- Specimen pipetting and pre-dilution,
- Reagent distribution and pipetting,
- Washing of the microplates,
- Incubation of the microplates,
- Photometric reading of the microplates,
- Data analysis -- both quantitative and qualitative,
- Data management -- displaying, printing and archiving, and
- Waste management.

The PersonalLAB™ Automated Microplate Analyzer is used for the in vitro diagnostic processing of various specimen types, as define by the assay manufacturer's instructions for use. Examples of specimen types are as follows:

- Whole blood,
- Serum,
- Plasma,
- Urine,
- Stool,
- Spinal fluid,
- Saliva, and
- Swabs from antigen sites.

(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 [illegible] Laboratory Devices
510(k) Number K971761

Prescription Use ✓ OR Over-The-Counter Use _____
(Per 21 CFR 801.109)

(Optional Format 1-2-96)