



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Randox Laboratories, Ltd
c/o Dr. Pauline Armstrong
Regulatory Affairs
55 Diamond RD.
Crumlin, County Antrim
United Kingdom BT29 4QY

Food and Drug Administration
10903 New Hampshire Avenue
Silver Spring, MD 20993

MAR 01 2011

Re: k092275

Trade Name: Randox Ecstasy (MDMA) Assay
Regulation Number: 21 CFR 862.3650
Regulation Name: Amphetamine Test System
Regulatory Class: Class II
Product Codes: DKZ, DLJ, LAS
Dated: February 22, 2011
Received: February 24, 2011

Dear Dr. Armstrong:

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.

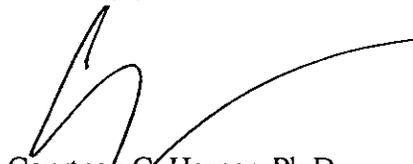
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in Title 21, Code of Federal Regulations (CFR), Parts 800 to 895. In addition, FDA may publish 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 Parts 801 and 809); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); and good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820).

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of *In Vitro* Diagnostic Device Evaluation and Safety at (301) 796-5450. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometric's (OSB's) Division of Postmarket Surveillance at (301) 796-5760. For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-5680 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,



Courtney C. Harper, Ph.D.
Acting Director
Division of Chemistry and Toxicology
Office of *In Vitro* Diagnostic Device
Evaluation and Safety
Center for Devices and Radiological Health

Enclosure

Indication for Use

510(k) Number (if known): k092275
Device Name: ECSTASY ASSAY, CALIBRATOR SET AND CONTROLS
LEVEL 1 & 2
Indication For Use:

Randox Ecstasy Assay

The Randox Laboratories Ltd. Ecstasy Assay is an in vitro diagnostic test for the detection of MDMA in human urine with a cut off concentration of 500ng/ml, for use on the **IXdaytona™** and **IXmole™** analysers in qualitative or semi-quantitative mode. The assay is calibrated against MDMA. This in vitro diagnostic device is intended for prescription use only.

The semi-quantitative mode is for purposes of

(1) enabling laboratories to determine an appropriate dilution of the specimen for confirmation by a confirmatory method such as GCMS

or

(2) permitting laboratories to establish quality control procedures.

This assay provides only a preliminary analytical result. A more specific alternative chemical method must be used in order to obtain a confirmed analytical result. Gas chromatograph/mass spectrometry (GC/MS) is the preferred confirmatory method. Clinical consideration and professional judgment should be exercised with any drug of abuse test result, particularly when the preliminary result is positive.

Randox Ecstasy Calibrator Set

The Randox Ecstasy Calibrator Set consists of liquid calibrators containing MDMD. There are 5 levels of calibrator. They have been developed for use in the calibration of Ecstasy assays on the **IXdaytona™** and **IXmole™** analysers. This in vitro diagnostic device is intended for prescription use only.

Randox Ecstasy Controls, Level 1 & 2

The Randox Ecstasy Controls, level 1 and 2 are liquid controls containing MDMA. There are 2 levels of controls. They have been developed for use in the quality control of the Ecstasy assay on the **IXdaytona™** and **IXmole™** analysers. This in vitro diagnostic device is intended for prescription use only.

Prescription Use And/Or Over the Counter Use
(21 CFR Part 801 Subpart D) (21 CFR Part 801 Subpart C)

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

Concurrence of CDRH, Office of In Vitro Diagnostic Device Evaluation and Safety (OIVD)



Division Sign-Off
Office of In Vitro Diagnostic Device
Evaluation and Safety

510(k) k092275