K993022

NOV - 9 1999

BECKMAN COULTER

Summary of Safety and Effectiveness
SYNCHRON® Systems
OP 300 Low and High Urine Calibrators

1.0 **Submitted By:**

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Beckman Coulter, Inc.
200 S. Kraemer Blvd., W-104
Brea, California 92822-8000
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2.0 **Date Submitted:**

September 7, 1999

3.0 **Device Name(s):**

3.1 **Proprietary Names**

SYNCHRON® Systems OP 300 Low and High Urine Calibrators

3.2 **Classification Name**

Clinical Toxicology Calibrator (21 CFR § 862.3200)

4.0 **Predicate Device(s):**

SYNCHRON Systems Reagent	Predicate	Manufacturer	Docket Number
SYNCHRON® Systems OP 300 Low and High Urine Calibrators	SYNCHRON® Systems DAT Low and High Urine Calibrators II	Beckman Coulter, Inc.	K983747

5.0 **Description:**

The SYNCHRON® Systems OP 300 Low and High Urine Calibrators are intended for use on SYNCHRON Systems for the calibration of Opiate 300 ng enzyme immunoassays. This product contains a 5.0 mL bottle of the Low Urine Calibrator and a 5.0 mL bottle of the High Urine Calibrator. The storage temperature for the calibrators is +2°C to +8°C.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Food and Drug Administration
2098 Gaither Road
Rockville MD 20850

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Ms. Gail Lefebvre
Associate Regulatory Affairs Specialist
Beckman Coulter, Inc.
200 S. Kraemer Blvd., M/S W-104
Brea, California 92822-8000

Re: K993022
Trade Name: SYNCHRON® Systems OP 300 Low and High Urine Calibrators
Regulatory Class: II
Product Code: DLJ
Dated: September 7, 1999
Received: September 9, 1999

Dear Ms. Lefebvre:

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

510(k) Number (if known): K993022

Device Name: **SYNCHRON® Systems OP 300 Low and High Urine Calibrators**

Indications for Use:

The Beckman Coulter OP 300 Low and High Urine Calibrators, in conjunction with SYNCHRON Reagents, are intended for use on SYNCHRON Systems for the calibration of Opiate 300 ng (Part No. 475024) enzyme immunoassays.

Clinical Significance:
The OP Low and High Urine Calibrators are ready-to-use human, urine-based, liquid calibrators. They are derived by adding known quantities (traceable to Gas Chromatography/Mass Spectrometry) of morphine (for opiate) to human urine to achieve each drug analyte concentration.

Jean Cooper
(Division Sign-Off)
Division of Clinical Labora[illegible]oes
510(k) Number K993022

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ✓ OR Over-the-Counter Use _____
(per 21 CFR 801.109) Optional Format 1-2-96