JUN 1 3 2000

510(k) SUMMARY

This summary of 510(k) safety and effectiveness is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR 807.92

The assigned 510(k) number is: K00 1113.

Submitted by:

InVitroCare, Inc.
11408 Sorrento Valley Rd.
Suite 202
San Diego, CA 92121

Telephone: (858) 452-1986
Facsimile: (858) 452-1828
E-mail: Invitroc@aol.com

Contact: Robert E. Lovins, PhD

Date Submitted: April 6,1999

Device Identification:

Trade Name: IVC THREE Blastocyst Medium (Cat#2007)

Common Name: In vitro embryo culture medium

Classification Name: Reproductive Media (21CFR, 886.6180)

Predicate Device:

Notice of Final Rule, 63 FR 48428, Docket number 97N-0335 and 510(k) Reference Number K983580

Description:

IVC THREE is a synthetic, defined culture medium composed of a balanced mixture of salts, amino acids, vitamins and other nutrients designed to support embryo growth and blastocyst development in vitro intended for use in assisted reproductive technology procedures. The formulation of IVC THREE is based on the phosphate free HTF formulation published by Quinn et al (Quinn P, Moinipanah R, Steinberg J, Weathersbee P: Fertil Steril 1995;63:922-924). IVC THREE has been formulated without phosphate, which may be detrimental to embryo blastocyst development. IVC THREE may be used as a stand alone medium or as the second stage of a sequential medium protocol.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

JUN 1 3 2000

Robert E. Lovins, Ph.D.
President
InVitroCare, Inc.
11408 Sorrento Valley Road
Suite 202
San Diego, CA 92121

Re: K001113
IVC THREE Blastocyst Medium (Catalog #2007)
Dated: April 6, 2000
Received: April 6, 2000
Regulatory Class: II
21 CFR §884.6180/Procode: 85 MQL

Dear Dr. Lovins:

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.

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) 594-4591. 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 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,

Daniel G. Schultz, M.D.
Captain, USPHS
Director, Division of Reproductive,
Abdominal, and Radiological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure(s)

INDICATIONS FOR USE STATEMENT (Page 1 of 1)

510(k) number: K001113

Device Names: IVC THREE Blastocyst Medium

Indications for Use:

IVC THREE Medium is intended for use in assisted reproductive technology procedures that involve the manipulation of gametes and embryos. Specifically, IVC THREE is intended for use as a culture medium for maintaining embryos in culture from day 3/4, post-fertilization, through day five, including expanded blastocyst formation..

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use
(per 21 CFR 801.109)

(Division Sign-Off)
Division of Reproductive, Abdominal, ENT, and Radiological Devices
510(k) Number K001113