

MATERIALS LICENSE

Amendment No. 09

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. Molecular Genetics, Inc.

2. 10320 Bren Road, East
Minnetonka, MN 55343In accordance with application dated
March 12, 19853. License number 22-18862-01 is amended in
its entirety to read as follows:

4. Expiration date September 30, 1990

5. Docket or
Reference No. 030-142766. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

A. Carbon-14

A. Any

A. 100 millicuries

B. Hydrogen-3

B. Any

B. 500 millicuries

C. Iodine-125

C. Any

C. 200 millicuries

D. Phosphorus-32

D. Any

D. 500 millicuries

E. Sulfur-35

E. Any

E. 500 millicuries

F. Chromium-51

F. Any

F. 200 millicuries

9. Authorized Use

A. through F. To be used for in vitro laboratory research and for animal studies.CONDITIONS10. Licensed material shall be used only at the licensee's facilities located at
10320 Bren Road East, Minnetonka, Minnesota.11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal
Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and
Part 20, "Standards for Protection Against Radiation."12. Licensed material listed in Item 6 above is authorized for use by, or under the
supervision of, the following individual(s) for the materials and uses indicated:

M. S. Collett

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

R. A. Krzyzek

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-358509110117 850903
REQ3 LIC30
22-18862-01 PDR

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ml 30

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

22-18862-01

Docket or Reference number

030-14276

Amendment No. 09

P. L. Sadowski

All

W. DeLorbe

Carbon-14, hydrogen-3, phosphorus-32
and sulfur-35

S. Halling

Carbon-14, hydrogen-3, phosphorus-32
and sulfur-35

J. Woodman

Carbon-14, hydrogen-3, sulfur-35

T. Zamb

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

J. L'Italien

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

D. Reed

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

P. Anderson

Carbon-14, hydrogen-3, phosphorus-32
and sulfur-35

M. Lum

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

R. Lundquist

Carbon-14, hydrogen-3, phosphorus-32
and sulfur-35

M. Gibson

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

K. Hibberd

Carbon-14, hydrogen-3, sulfur-35

P. Sridhar

Carbon-14, hydrogen-3, phosphorus-32
and sulfur-35

W. P. Pilacinski

Carbon-14, hydrogen-3, iodine-125,
phosphorus-32 and sulfur-35

13. The licensee shall not use licensed material in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.
14. Experimental animals administered licensed materials or their products shall not be used for human consumption.

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15. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated March 12, 1985 and letter dated August 20, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Date September 3, 1985

Original Signed
By Evelyn R. Matson
Materials Licensing Section, Region III

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