



TEXAS
Health and Human
Services

Texas Department of State
Health Services

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Texas Radiation Control Act and Texas Department of State Health Services (Agency) regulations on radiation, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified below.

1. Name 2. Address	LICENSEE		3. License Number	L06949
	THE UNIVERSITY OF TEXAS AT AUSTIN DELL MEDICAL SCHOOL ATTN KRISTI POWELL PO BOX 7729 AUSTIN TX 78713-7729		4. Expiration Date	July 31, 2028
			Amendment Number	04

This license is amended in accordance with correspondence received June 14, 2022.

5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
A. Any radioactive material permitted by 25 TAC §289.256(ff)	A. Any radiopharmaceutical form, except gas	A. As needed	A. Any uptake, dilution and excretion study permitted by 25 TAC §289.256(ff).
B. Any radioactive material permitted by 25 TAC §289.256(hh)	B. Any radiopharmaceutical form, except gas	B. As needed	B. Any imaging and localization study permitted by Title 25 TAC §289.256(hh).
C. Any radioactive material permitted by 25 TAC §289.256(kk)	C. Any radiopharmaceutical form, except gas	C. 5 curies	C. Any use of unsealed material that requires a written directive permitted by 25 TAC §289.256(kk).

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D. Any radioactive material with atomic number 1 through 83 with a half-life less than 120 days, excluding alpha emitters, except as otherwise specified	D. Any radiopharmaceutical form, except gas	D. 600 millicuries	D. Research and education, including animal studies.
E. Any radioactive material with atomic numbers 1 through 83, except as listed below	E. Any, except sealed source	E. 1 millicurie	E. Research and education.
F. Carbon-14	F. Any, except sealed source	F. No single source to exceed 1 millicurie Total 10 millicuries	F. Research and education, including animal studies.
G. Fluorine-18	G. Liquid	G. 100 millicuries	G. Instrument calibration and reference.
H. Hydrogen-3	H. Any, except sealed source	H. No single source to exceed 1 millicurie Total 10 millicuries	H. Research and education, including animal studies.
I. Iodine-125	I. Any, except sealed source	I. No single source to exceed 1 millicurie Total 20 millicuries	I. Research and education, including animal studies.
J. Phosphorous-32	J. Any, except sealed source	J. No single source to exceed 1 millicurie Total 30 millicuries	J. Research and education, including animal studies.

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5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
K. Phosphorous-33	K. Any, except sealed source	K. No single source to exceed 1 millicurie Total 10 millicuries	K. Research and education, including animal studies.
L. Sulphur-35	L. Any, except sealed source	L. No single source to exceed 1 millicurie Total 10 millicuries	L. Research and education, including animal studies.

9. Radioactive material shall only be stored and used at:

<u>Site Number</u>	<u>Location</u>
000	Austin – 1601 Trinity Street (Main Site) 1701 Trinity Street

10. This license is issued in accordance with Title 25 Texas Administrative Code sections:

- A. §289.252(h), "Specific Licenses for Broad Scope Authorization for Multiple Quantities or Types of Radioactive Material for Use in Research and Development"
- B. §289.256(o), "License for Medical and Veterinary Uses of Radioactive Material with Broad Scope Authorization."

11. The individual designated to perform the functions of Radiation Safety Officer (RSO) for all activities covered by this license is Kristi Powell.

A. The Associate RSO is Robert DeWayne Holcomb, CHP, for all uses on the license.

12. Radioactive material shall only be used by, or under the supervision of, individuals designated by the Radiation Safety Committee, John M. Salsman, CHP, Chairperson. The licensee shall maintain records of individuals designated as users for 3 years after the individual's last use of radioactive material under the license.

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13. The licensee shall not open sealed sources containing radioactive material or remove sources from source holders.
14. Installation or exchange of sealed sources in medical imaging equipment shall be performed only by the device manufacturer or other persons specifically authorized to perform such services by the Agency, the U. S. Nuclear Regulatory Commission (NRC) or another Agreement State.
15. The licensee is authorized to analyze tests for leakage or contamination from sealed sources in accordance with procedures identified in the application July 2, 2018.
16. The licensee shall not use radioactive material in field applications where such activity is released unless otherwise provided by a specific condition of this license.
17. The use of licensed material in or on humans shall be by an authorized user as defined in 25 TAC §289.256(c).
18. Individuals designated to work as authorized users, as defined in 25 TAC §289.256(c), shall meet the training, experience, and recency of training criteria established in 25 TAC §289.256, and shall be designated, in writing, by the licensee's Radiation Safety Committee.
19. Experimental animals administered radioactive materials or their products shall not be used for human consumption.
20. The licensee is authorized to discard radioactive material authorized in Conditions 5, 6, 7 and 8 and listed in 25 TAC §289.202(ggg)(7), whose half-lives do not exceed 300 days, in a Type I municipal solid waste site in accordance with the provisions of 25 TAC §289.202(fff)(4) and procedures identified in the application dated July 2, 2018.
21. The licensee shall maintain the financial assurance Statement of Intent for \$1,125,000.00 current and in good standing.

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22. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

Application dated July 2, 2018,
Letter dated July 6, 2018 and
Electronic mail dated February 8, 2019.

Title 25 TAC §289 shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

JLH:jlh

FOR THE DEPARTMENT OF STATE HEALTH SERVICES

Date July 27, 2022

J. Scott Kee, Program Coordinator
Medical and Academic Licensing Program