

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 25

MATERIALS LICENSE

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, 36, 37, 39, 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.

<p>Licensee</p> <p>1. EMD Millipore</p> <p>2. 6 Research Park Drive St. Charles, MO 63304</p>	<p>In accordance with letter dated May 19, 2015,</p> <p>3. License number 24-26445-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date December 31, 2023</p> <hr/> <p>5. Docket No. 030-32903 Reference No. 030-36554</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Iodine-125</p>	<p>7. Chemical and/or physical form</p> <p>A. Any (excluding sealed sources)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 500 millicuries</p>

9. Authorized Use:

- A. To be used in the manufacture of radiolabeled peptides and proteins for distribution to persons authorized to receive the licensed material under the terms and conditions of a specific license issued by the Commission or an Agreement State. **Pursuant to 10 CFR 32.71, the licensee is authorized to distribute *in vitro* kits containing prepackage units to persons generally licensed pursuant to 10 CFR 31.11, or equivalent provisions of the regulations of an Agreement state.**

CONDITIONS

10. Licensed material shall be used at **and/or distributed from** the licensee's facilities located at 6 Research Park Drive, St. Charles, Missouri.
11. Licensed material shall be used by, or under the supervision of, John Nichols.
12. The Radiation Safety Officer for this license is James C. Hatten.
13. **This license does not authorize commercial distribution of licensed material to persons to persons exempt from licensing pursuant to 10 CFR 30.18.**
14. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash provided:
- A. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate survey meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-26445-01

Docket or Reference Number
030-32903

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- B. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
- 15. Licensed material shall not be used in or on humans.
- 16. The licensee shall not use licensed material in field applications.
- 17. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application June 25, 2013, with attachments (excluding all references to Assistant Radiation Safety Officer);
 - B. Letters dated January 30, 2014 (with attachments), April 3, 2014, June 1, 2014 and **May 27, 2015**.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date AUG 04 2015

By *Toye L. Simmons*
 Toye L. Simmons
 Materials Licensing Branch
 Region III