

## U.S. NUCLEAR REGULATORY COMMISSION

**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, 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.

PC 3800

576544

<p style="text-align: center;">Licensee</p> <p>1. Quest Diagnostics Incorporated</p> <p>2. 4444 Giddings Road Auburn Hills, MI 48326</p>	<p>In accordance with the <b>facsimile</b> dated <b>September 29, 2011</b>,</p> <p>3. License number 21-20044-01 is <b>renewed</b> in its entirety to read as follows:</p> <hr/> <p>4. Expiration date <b>September 30, 2012</b></p> <hr/> <p>5. Docket No. 030-17681 Reference No.</p>
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|---|----------------------------------|--|
| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
| A. Iodine-125   | A. Prepackaged kit               | A. 5 millicuries   |

## 9. Authorized Use:

- A. **Possession and storage only with intent to dispose.**

CONDITIONS

10. Licensed material shall be stored only at the licensee's facilities located at 4444 Giddings Road, Auburn Hills, Michigan.
11. **The licensee will continue to take all actions within its ability to dispose of its material and notify NRC within 30 days if disposal is achieved.**
12. The Radiation Safety Officer for the activities authorized by this license is Elena Dvorin, M.D., Ph.D.
13. **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  
21-20044-01Docket or Reference Number  
030-17681

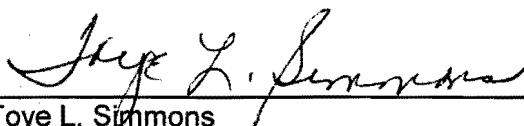
Amendment No. 15

- 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.**
14. Removable contamination and ambient dose rate surveys of waste storage areas shall be performed monthly and survey records maintained for inspection by the Commission.
15. 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 dated June 25, 2001; and
- B. Letter dated August 28, 2001.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAR 14 2012

By

Toye L. Simmons  
Materials Licensing Branch  
Region III