

**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.

Licensee  1. Takeda Vaccines (Montana), Inc.  2. 2155 Analysis Drive Bozeman, Montana 59718	In accordance with facsimile dated October 31, 2012 and E-mail dated December 4, 2013  3. License number 25-29209-01 is amended in its entirety to read as follows:  4. Expiration date September 30, 2015  5. Docket No. 030-37004 Reference No.
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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. Hydrogen-3   | A. Any, except sealed sources    | A. 25 millicuries total  |

9. Authorized Use:
- A. Research and development as defined in 10 CFR 30.4 for *in vitro* laboratory studies only.

**CONDITIONS**

10. Licensed material shall be stored or used only at the licensee's facilities located at 2155 Analysis Drive, Bozeman, Montana.
11. A. Licensed material shall be used by, or under the supervision of individuals, Charles Richardson, Ph.D., and William Tino, M.S.  
 B. The Radiation Safety Officer (RSO) for this license is Charles Richardson, Ph.D.
12. Licensed material shall not be used in or on human beings except as provided otherwise by specific condition of this license.
13. The licensee shall not use licensed material in field applications where activity is released to the environment except as provided otherwise by specific condition of this license.
14. This license does not authorize commercial distribution of licensed material.
15. 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."
16. The licensee shall maintain records of information related to decommissioning as specified in 10 CFR 30.35(g) until this license is terminated by the Commission.

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SUPPLEMENTARY SHEET**License Number  
25-29209-01Docket or Reference Number  
030-37004

Amendment No. 02

17. 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 U.S. 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 August 10, 2005 (ML052370255)
- B. E-mail dated September 26, 2005 (ML052690153)
- C. Facsimile dated October 31, 2012 (ML12334A163)
- D. E-mail dated December 4, 2013 with enclosures (ML13339B015)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: December 10, 2013By: /RA/  
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Region IV  
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