

Nevada Radiation Control Program

Registration Certificate

**RADIOACTIVE MATERIAL *IN VITRO* TESTING WITH
UNDER GENERAL LICENSE**

CERTIFICATE NUMBER

NAC 459.228 authorizes physicians, clinical laboratories and hospitals to possess certain small quantities of radioactive material for *in vitro* clinical or laboratory tests, not involving the internal or external administration of radioactive material. This registration form must be submitted to the Nevada State Health Division for issuance of a certificate number before possession of radioactive material.

_____ NAME	_____ TELEPHONE NUMBER	_____ FAX NUMBER	
_____ ADDRESS	_____ CITY	_____ STATE	_____ ZIP CODE

I hereby apply for a registration certificate number for:

Myself, a Nevada licensed physician authorized to dispense drugs in the practice of medicine.

The above-named clinical laboratory

The above-named hospital

I hereby certify that:

- a. All information in this registration application is true and complete.
- b. The registrant has appropriate radiation measuring instruments to conduct the tests in which radioactive material will be used under the general license. The tests will be performed only by personnel competent in the use of the instruments and in the handling of the materials.
- c. I understand that, within 30 days, NAC 459 regulations require reporting to the Nevada State Health Division any changes to the information furnished with this application.
- d. I have read and understand the provisions of NAC 459.228. I understand that I am required to comply with these provisions as to all radioactive material which I receive, possess, use or transfer under the general license.

APPLICANT'S SIGNATURE

DATE

SIGNATURE OF APPROVING OFFICIAL

DATE

Karen K. Beckley, MPA, MS
Manager, Radiation Control Program
Bureau of Health Care Quality & Compliance



NAC 459.228 [GENERAL LICENSES: PREPACKAGED UNITS OF RADIOACTIVE MATERIAL FOR IN VITRO TESTING]

A general license is issued to any physician, clinical laboratory or hospital to receive, acquire, possess, transfer or use, for any of the following stated tests, in accordance with the provisions of NAC 459.230, the following radioactive materials in prepackaged units:

1. ^{125}I , ^{131}I , ^{75}Se , ^{57}Co , ^{14}C in units ≤ 10 mCi each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals.
2. ^3H (tritium) in units ≤ 50 μCi each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or its radiation, to human beings or animals.
3. ^{59}Fe in units not exceeding ≤ 20 μCi each for use in *in vitro* clinical or laboratory tests not involving internal or external administration or radioactive material, or its radiation, to human beings or animals.
4. Mock ^{125}I reference or calibration sources in units ≤ 0.05 μCi ^{129}I and 0.005 μCi ^{241}Am each for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or radiation from it to human beings or animals.

NAC 459.230 [DUTIES AND RESTRICTIONS REGARDING PREPACKAGED UNITS OF RADIOACTIVE MATERIAL FOR IN VITRO TESTING]

1. A person may not receive, acquire, possess, use or transfer radioactive material pursuant to the general license established by NAC 459.228, until he has filed division form [NRC-483](#), [Certificate — In Vitro Testing with Radioactive Material Under General License](#), with the Division and received from the Division a validated copy of division form [NRC-483](#) with certification number assigned. The physician, clinical laboratory or hospital shall furnish on division form [NRC-483](#) the following information and any other information required by that form:
 - (a) Name and address of the physician, clinical laboratory or hospital;
 - (b) The location of use; and
 - (c) A statement that the physician, clinical laboratory or hospital has appropriate radiation measuring instruments to carry out *in vitro* clinical or laboratory tests with radioactive material as authorized under the general license in NAC 459.228, and that tests will be performed only by personnel competent in the use of the instruments and in the handling of the radioactive material.
2. A person who receives, acquires, possesses or uses radioactive material pursuant to the general license established by NAC 459.228, shall comply with the following:
 - (a) The general licensee shall not possess at any one time, pursuant to the general license in NAC 459.228, at any one location of storage or use a total amount of ^{125}I , ^{131}I , ^{73}Se , ^{50}Fe , or ^{57}Co > 200 μCi .
 - (b) The general licensee shall store the radioactive material, until used, in the original shipping container or in a container providing equivalent radiation protection.
 - (c) The general licensee shall use the radioactive material only for the uses authorized by NAC 459.228.
 - (d) The general licensee shall not transfer the radioactive material to a person who is not authorized to receive it pursuant to a license issued by the Division, the [Nuclear Regulatory Commission](#) or any agreement state, nor transfer the radioactive material in any manner other than in the unopened, labeled shipping container as received from the supplier.
 - (e) The general licensee must dispose of the mock ^{125}I reference or calibration sources described in subsection 4 of NAC 459.228, as required by NAC 459 §§ 3355 and 359–3615.
3. The general licensee shall not receive, acquire, possess or use radioactive material pursuant to NAC 459.228:
 - (a) Except as prepackaged units which are labeled in accordance with the provisions of an applicable specific license issued by the Nuclear Regulatory Commission or any agreement state which authorizes the manufacture and distribution of ^{125}I , ^{131}I , ^{14}C , ^3H , ^{75}Se , ^{59}Fe , ^{57}Co or mock ^{125}I for distribution to persons generally licensed under NAC 459.228 or its equivalent; and

- (b) Unless the following statement or a substantially similar statement, which contains the information in the following statement, appears on a label affixed to each prepackaged unit or appears in a leaflet or brochure which accompanies the package:

This radioactive material must be received, acquired, possessed and used only by physicians, clinical laboratories or hospitals and only for in vitro clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use and transfer are subject to the regulations and a general license of the Nuclear Regulatory Commission or of a state with which the Commission has entered into an agreement for the exercise of regulatory authority.

NAME OF MANUFACTURER

4. The physician, clinical laboratory or hospital possessing or using radioactive material under the general license of NAC 459.228 shall report in writing to the Division any changes in the information furnished by him in the [Certificate — In Vitro Testing with Radioactive Material Under General License](#), division form [NRC-483](#). The report must be furnished within 30 days after the effective date of such change.
5. Any person using radioactive material pursuant to the general license of NAC 459.228 is exempt from the requirements of NAC 459 §§ 320–374, and 780–794, with respect to radioactive material covered by that general license except that such persons using mock ¹²⁵I described in subsection 4 of NAC 459.228 shall comply with the provisions of NAC 459 §§ 3355, 359-3615, 369 and 3695.