



## Peninsula Laboratories, LLC

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### Cat. No. H-6812

**([<sup>125</sup>I]-Tyr)-Orexin A (human, bovine, canine, mouse, ovine, porcine, rat)**

**Activity per Vial: 10uCi (370kBq)**  
**Specific Activity: 175.0 Ci/mmol**

Upon reconstitution with 1.0 mL of distilled water, the solution contains:  
0.1M Sodium Phosphate (pH 7.4), 2% Bovine Serum Albumin

#### Recommended Storage Procedure:

After reconstitution, make aliquots and store at -20°C or lower. This prevents excessive freezing/thawing and provides better stability.

#### **Requirements for Handling Radioactive Material**

This radioactive material may be received, acquired, possessed, and used only by physicians, veterinarians, 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 there from to human beings or animals. Its receipt, acquisition, possession, use and transfer are subject to the regulations and a general license of the U.S. Nuclear Regulatory Commission or of a State with which the Commission has entered into an agreement for the exercise of regulatory authority.

#### **The following precautions should be observed in handling radioactive material:**

The user shall store the by-product material until used in the original shipping container or in a container providing equivalent radiation protection.

When handling, do not pipette by mouth.

There should be no smoking or eating while radioactive materials are being handled.

Hands should be covered with rubber gloves during and thoroughly washed after the handling of radioactive materials.

Spills should be wiped up quickly and thoroughly and the contaminated materials added to radioactive waste matter.

Water soluble radioactive waste material can be disposed of into the sanitary sewage system in compliance with other applicable federal, state, and local regulations governing any other toxic or hazardous property of these materials. Use large amounts of water for flushing the system.

Non-water soluble materials should be disposed of in compliance with any local government requirements.

Materials are packaged so that less than 0.5mR/hr radiation is at the package surface and exposure to radiation is negligible. However, it is good practice to designate a storage area away from work stations.

**THIS PACKAGE CONFORMS TO THE CONDITIONS AND LIMITATIONS SPECIFIED IN 49 CFR 173.421  
FOR EXCEPTED RADIOACTIVE MATERIAL.**