

## **ScintiPlate<sup>®</sup> Streptavidin Covalent Cat.No 1450-551**

### **INTRODUCTION**

This ScintiPlate Streptavidin Covalent plates are intended for *in vitro* use as a solid phase in binding assays where radioisotopes (e.g. <sup>3</sup>H, <sup>32</sup>P, <sup>35</sup>S or <sup>125</sup>I) are used as labels.

### **PACKAGE CONTENTS**

10 pcs of Streptavidin Covalent ScintiPlates (96-wells). The wells are covalently coated with 200 µL of Streptavidin. Store protected from light at +2 to +8°C until expiry date stated on the plate label.

**Note!:** Make sure that the pouch remains closed during storage!

### **PRODUCT USE**

1. Wash the plate using a platewasher (e.g. the DELFIA PlateWash #1296-026). Do not wash more plates or wells than can be easily handled within 30 minutes. Ensure that no wash solution is left in the wells after washing. Remove any moisture by blotting the plate on absorbent paper.
2. Proceed according to your own optimized binding assay protocol.
3. When you have finished the assay, wash and empty the wells.
4. **Counting as a whole plate:** You can count the sample activities as a whole plate using the 1450 MicroBeta<sup>®</sup>. Cover the empty plate with Tape Seal (#1450-461) and put it on a Counting Cassette (#1450-105). For optimal results normalize the counter with the corresponding isotope.

To run a normalization procedure prepare a plate with position G11 as an active sample.

### **WARRANTY**

Purchase of this product gives no license under the following patents: US Patent 4,568,649; US Patent 4,626,513; and European Patent 154 734 B1. Further distribution of this product is expressly prohibited. Purchase of this product implies agreement with these conditions of sale.

Purchase of the product gives the purchaser the right to use this material in his own research, development, and investigational work. The product is not to be injected into humans or used for diagnostic procedures. PerkinElmer Life and Analytical Sciences reserves the right to discontinue or refuse orders to any customer who plans to use these products for any other purposes.

PerkinElmer Life and Analytical Sciences does not warrant or guarantee that the product is merchantable or satisfactory for any particular purpose, nor free from any claim of foreign or domestic patent infringement by a third party, and there are no warranties, expressed or implied, to such effect. PerkinElmer Life and Analytical Sciences will not be liable for any incidental, consequential or contingent damages involving their use including damages to the property or personal injuries.

All information supplied with the product and technical assistance given is believed to be accurate, but it remains the responsibility of the investigator to confirm all technical aspects of the application. We appreciate receiving any additions, corrections, or updates to information supplied to the customer.

## **REFERENCES**

1. Siitari, H. and Oikari, T. (1992): Use of scintillating microtitration plates in immunoassays. In Liquid Scintillation Spectrometry 1992, Eds. J.E. Noakes, F. Schöndorfer and H. Polach. Radiocarbon, Tucson, Arizona, USA, pp. 301-305.
2. Siitari, H., Kivelä, P. and Oikari, T. (1993): Novel method for solid-phase binding assays: scintillating microtitration plates and a MicroBeta LSC. J. NIH Research **5**, 80.
3. Wallac Application Note (1450-1000): ScintiStrip® for all solid-phase binding assays.
4. Ihalainen, J., Siitari, H., Laine, S., Syvänen, A-C. and Palotie, A. (1994): Towards automatic detection of point mutations: use of scintillating microtitration plates in solid phase minisequencing. BioTechniques **16** (5), pp. 938-943.

## **PATENTS**

This product is covered by the following patents:

European Patent 0438 470 B1  
US Patent 6,051,191

Manufactured by:  
PerkinElmer Life and Analytical Sciences B.V.  
P.O.Box 5205  
9700 GE Groningen  
The Netherlands  
Tel. +31 50 5445 900