

To:  
Publication:

Many Challenges...One **Solution**

**HARVARD**  

---

**A P P A R A T U S**

Providing Exceptional Solutions for Your Bioresearch Challenges

## **NEW PRODUCT RELEASE**

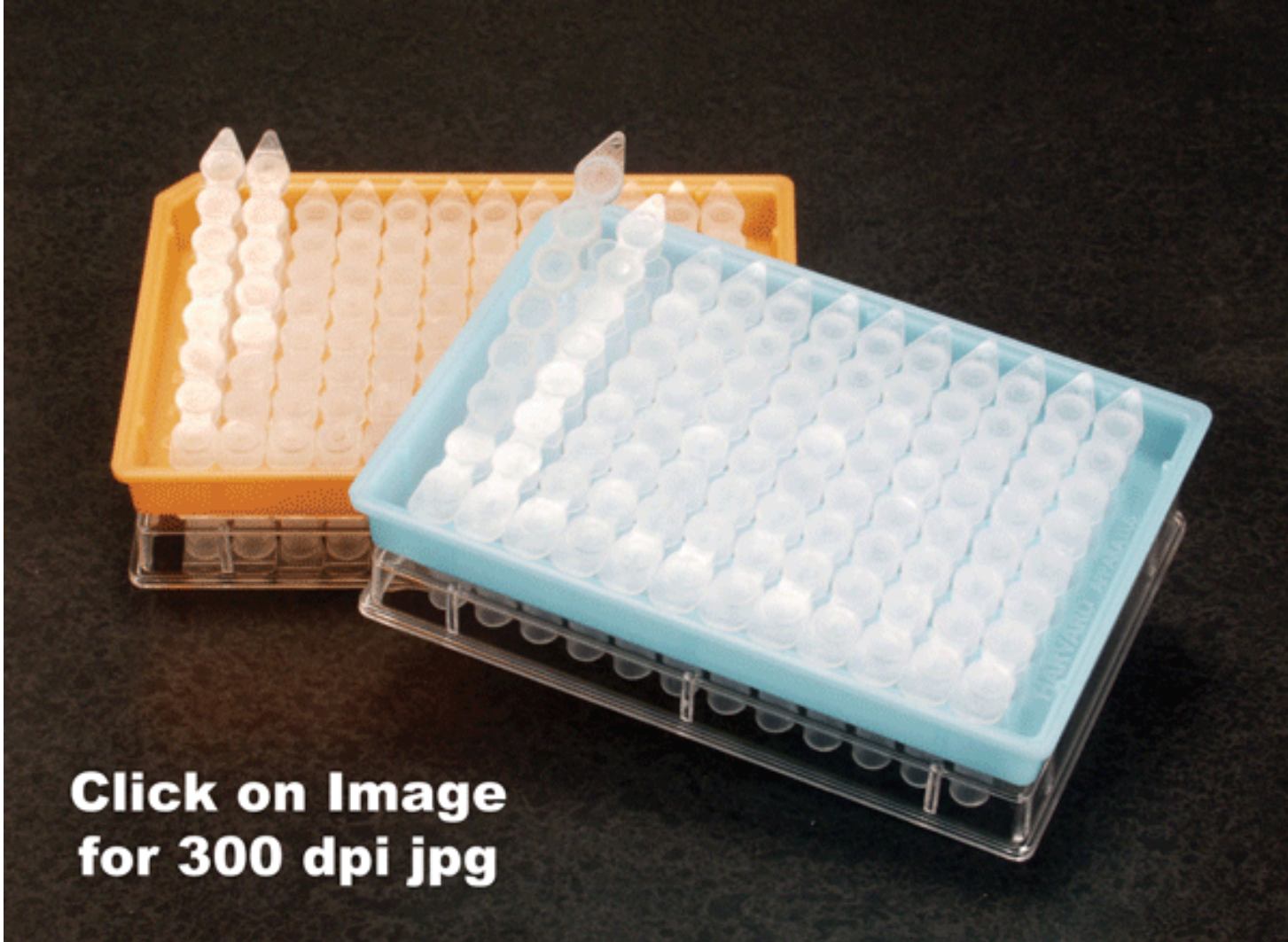
### **Ready to Use Disposable 96-Sample Equilibrium Dialysis Plates**

Ideal for analysis of free or unbound analytes like free T4, free Cortisol, free Testosterone, or for Protein-Ligand Binding Studies

Harvard Apparatus offers patented 192-Well DispoEquilibrium DIALYZERS™ that provide simple and reliable methods to analyze up to 96 samples simultaneously on disposable dialysis plates.... available only from Harvard Apparatus.

These unique ready to use equilibrium dialysis plates are convenient and cost effective tools for ligand binding experiments including serum protein binding, protein-drug binding, protein-protein binding and protein-DNA binding assays.

Equilibrium Dialysis is recognized as the Gold Standard or the most preferred technique for molecular binding studies as it allows for the direct assays of molecular interactions at close to physiological conditions with minimal effects on equilibrium parameters.



Equilibrium Dialysis has also shown itself to be a valuable technique for sample preparation before candidate analysis by mass spectrometry. Studies have shown enhanced target identification when equilibrium dialysis is used.

Each test well in the plate consists of two chambers separated by a regenerated cellulose membrane with a molecular weight cut off of either 5000 or 10000 Daltons. Each chamber holds up to 300 $\mu$ l of sample or buffer.

To decrease the dialysis time, the plate needs to be rotated through 360° in a vertical position. Harvard Apparatus can also supply a 1 or 2 plate rotator or an eight plate rotator with temperature control.

The 96-well plate was designed with SBS footprint and well spacing to meet automation needs.

Other equilibrium dialysis products from Harvard Apparatus include the single-sample DispoEquilibrium dialyzer for volumes up to 100 $\mu$ l or the re-usable PTFE Fast Micro-Equilibrium dialyzer for samples from 25 $\mu$ l to 1500 $\mu$ l and the Multi-Equilibrium Dialysis System for up to 20 samples with volumes from 200 $\mu$ l to 5ml.

For more information please go to [www.harvardapparatus.com](http://www.harvardapparatus.com) or contact:

**Harvard Apparatus**  
84 October Hill Road  
Holliston, Massachusetts 01746 USA

Toll Free: 800-272-2775

Phone: 508-893-8999

Fax: 508-429-5732

E-mail: [bioscience@harvardapparatus.com](mailto:bioscience@harvardapparatus.com)

Web: [www.harvardapparatus.com](http://www.harvardapparatus.com)

Harvard Apparatus is a global developer, manufacturer and distributor of innovative and specialized products to enhance bioresearch.

**NOTE:** This Press Release has been sent electronically. If it has been sent to the wrong individual, or if you no longer wish to receive Harvard Apparatus Press Releases, please notify us at: [PR@Beehive-Online.com](mailto:PR@Beehive-Online.com)



[www.harvardapparatus.com](http://www.harvardapparatus.com)