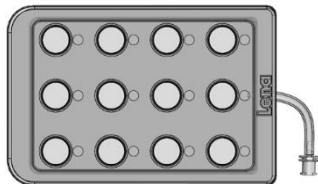
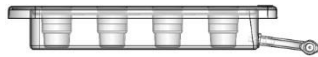


PERFUSIONPAL™ 12-WELL TECHNICAL DATA SHEET

Product family name

PerfusionPal™

Description

 Cell culture system for parallel perfusion of 12 3D cell cultures. Suitable for cell culture and drug testing. Sterile. For Single *In Vitro* Research Use Only.

Compatibility with disposables

PerfusionPal™ 12-well insert fits into a lidded 12-well Falcon® tissue culture plate (Corning product # 353043) and 12 well non-tissue culture plate (Product # 351143).

PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Color	Transparent
Optical clarity	Transparent
Dimensions	<p>Complete system (mm): 126.5 x 85 x 22</p> <p>Lid (mm): 126.5 x 85 x 6.5</p> <p>Insert (mm): 124 x 82 x 18</p> <p>Well diameter top (mm): 14.4</p> <p>Well diameter bottom (mm): 10.6</p> <p>Well diameter at SeedEZ™ scaffold (arrowhead) (mm): 12.9</p> <p>Well bottom opening diameter (mm): 9.5</p> <p>Well depth (mm): 15.8</p> <p>Tray (mm): 124 x 82 x 19.5</p> <p>Inner depth (mm): 18</p> <p>*Inner tray geometry (see arrow) optimized to minimize the volume of oxygen-carrying liquid required for perfusion.</p>

Maximum Operating Temperature	50°C
Plate material	Hydrophilic polyester
Scaffold material	High-purity glass fiber scaffold
Chemistry	Inert and stable material. Compatible with most cell types, cell culture reagents, stains, extracellular matrices, hydrogels and polymers used in cell culture applications. Compatible with test compounds and most ingredients and excipient formulations used in drug delivery and dosage forms.

IMAGING AND ASSAYING

For imaging, transfer the scaffold to a multiwell plate or a Petri dish. Assays such as alamarBlue®, LDH release, P450-Glo™, or ELISAs for cytokine release, etc., may be run in situ (in PerfusionPal) or the scaffolds may be transferred to a 12-well Falcon® plate for assaying.

USE, HANDLING, AND DISPOSAL

For use with standard tissue culture reagents.

FOR RESEARCH USE ONLY. Not for use in clinical, diagnostic or therapeutic procedures. Not for use in animals or humans.

Please read PerfusionPal™ SAFETY DATA SHEET and SeedEZ™ SAFETY DATA SHEET available online at www.lenabio.com before using this product. Handle using chemically resistant gloves. Wear lab coat and safety goggles. Wash hands thoroughly with soap and water after use. Recover as much of the oxygen-carrying liquid from the tray as possible prior to disposal. Discard the PerfusionPal™ in the biohazard waste after use.