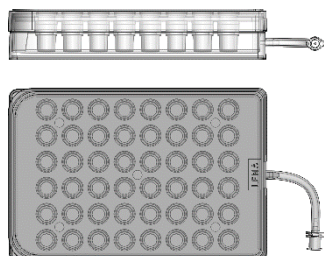


**PERFUSIONPAL™ 48-WELL TECHNICAL DATA SHEET**

**Product family name**

PerfusionPal™

**Description**

 Cell culture system for parallel perfusion of 48 3D cell cultures. Suitable for cell culture and drug testing. Sterile. For Single *In Vitro* Research Use Only.

**Compatibility with disposables**

PerfusionPal™ 48-well insert fits into a lidded 48-well Falcon® tissue culture plate (Corning product # 353043) and 48 well non-tissue culture plate (Product # 351143).

**PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Solid
Color	Transparent
Optical clarity	Transparent
Dimensions	Complete system (mm): 127.9 x 92.3 x 24.4 Lid (mm): 127.9 x 92.3 x 10.3 Insert (mm): 124.8 x 82.6 x 18.9 Well diameter top (mm): 8.5 Well diameter bottom (mm): 6.2 Well diameter at SeedEZ™ scaffold (arrow) (mm): 9.1 Well depth (mm): 18.9 Tray (mm): 124.8 x 85.5 x 20.2 Inner depth (mm): 16.9
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.

**DISCLAIMER:** The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the product are responsible for ensuring that it is suitable for their needs, environment and end use. All data is subject to change as Lena Biosciences deems appropriate.

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## IMAGING AND ASSAYING

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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 48-well Falcon® plate for assaying.

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## USE, HANDLING, AND DISPOSAL

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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](http://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.