

NanoECM 24 Well Plate Inserts

#Cat: NB-26-01935 Size: 24 Well Plate Inserts

GENERAL INFORMATION

- Culture inserts fit in the bottom of standard culture plates.
- Nanofiber Matrix – 700nm diameter electro spun polycaprolactone (PCL).
- Random orientation (NanoECM™) mimics native decellularized tissue.
- Optically transparent, compatible with light/visible microscopy.
- Physical dimensions are compatible with high-throughput and standard lab equipment.
- The fibers are made of polycaprolactone (PCL). A biomimetic polymer that resembles soft tissue such as cartilage.
- The approximate diameter of the nanofiber polymers is 700nm.
- The thickness of the fiber layers on the bottom of the plate is ~20 microns thick.
- The polymers will not degrade.
- Polymers can be coated with extracellular matrix proteins such as laminin, collagen, fibronectin, poly L-Lysine, ligands, etc. with simple lab protocols.
- No special media or reagents are needed for use with our products.
- The fiber scaffolds are greater than 90% porous.
- Each fiber batch is tested for physical properties, suitability for cell attachment and viability.
- Plates are plasma surface treated and ready to use directly out of the package for tissue culture work.
- Each plate is ultra violet light, gamma irradiated, or e-beam treated and are shipped sterile.
- Cells are easily removed using Trypsin-EDTA, or Accutase for passaging or downstream applications.
- Batch to batch consistency,
- Products are Xeno-free
- Storage: RT/Ambient
- Fiber Size: 700 nm

FOR RESEARCH USE ONLY

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