
PRODUCT SHEET

BIOFLOAT™ 384-well plate single packed

Ready-to-Use for Spheroid cell culture.

QUALITY CERTIFICATE AND PRODUCT DATA SHEET

Product name : BIOFLOAT™ 384-well plate
Product number : 221384
Lot number : yes
Product description : Sterile and clear 384-well round-bottom polystyrene plates.

PRODUCT CHARACTERISTICS

Bottom : Round-bottom
Color : Clear
Sterility : Sterilized by electron beam irradiation according to DIN EN ISO 11137
Dimensions : 85.48 mm (width) x 14,4 mm (height) x 127.67 mm (length)
Array : 16x24
Max. volume per well : 90 µl
Material : Polystyrene (PS)
Quantity : individually packed
Temperature range : - 20 °C to + 50 °C

RAW MATERIAL PROCESSING

The product does not use any raw materials of *animal* or *biological* origin and therefore does not have TSE/BSE. The polymer raw materials used for coating plates were positively evaluated for quality consistency using GPC, GC-MS, and NMR spectroscopy. The sterile, non-pyrogenic/endotoxin-free, non-cytotoxic, DNase-/RNase-/DNA-free multi-well plates were coated using pipetting robots.

The coating modifies the plastic surface to cell and protein repellent surface to facilitate rapid spheroid and organoid formation. The plates were sterilized using electron beam irradiation according to DIN EN ISO 11137.

PRODUCT QUALITY ASSURANCE

Product passed visual inspections. Spheroid formation assay was performed using mouse fibroblast 3T3 cells. The seeding density was 3000 cells/well. Single spheroids formed in >95% of wells of the plates tested.

Sterility: Product sterilized according to DIN EN ISO 11137. Products fulfill minimum Sterility Assurance Level (SAL) of 10e-3.
Endotoxicity: Tested and met the established criteria. The acceptance level for product is ≤ 0.04 EU/mL or ≤ 4 EU/device.
Visual Attributes: Pass
Packaging: Pass

The product is for single use only. The quality of the product cannot be guaranteed after the exp. date.
The product should be stored unopened under dry conditions at room temperature.

RESEARCH USE ONLY. NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.