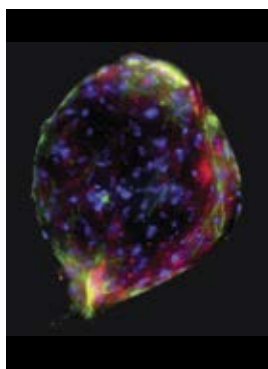
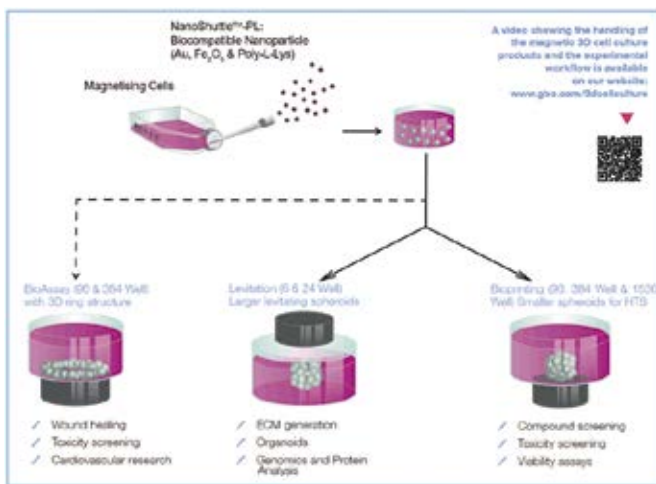


Greiner Bio-One 3D magnetic technology / M3D Cell Culture



- System for 3D cell culture using transient magnetization of cells that naturally attach to NanoShuttle™-PL magnetic beads
- Thanks to the magnetic force, the cells aggregate, either by levitation or by bioprinting, to form 3D representation models *in vitro*
- Reproduction of native tissue environments *in vitro*
- Versatile system compatible with all cell types even in co-culture
- 3D model formation within a few hours after incubation with magnetised beads

- Reproducible and usable up to 1536 well format
- No impact of the magnetised beads on the cells (proliferation, viability, phenotype, etc.) or on the analyses (qPCR, cytometry, fluorescence microscopy, western blot, etc.)
- Centred positioning of spheroids
- No specialised equipment, media or artificial substrate
- Easy to handle, no loss of sample during washing, transfer or labelling of spheroids/organoids
- Can be used as a complementary tool, compatible with a large number of 3D models and consumables



What 3D platform is best for you?

Well Number	Magnetic Levitation		Spheroid Bioprinting		
	35 mm dish	6	24	96	384
Application					
Cancer					
Cardiotoxicity					
Hepatotoxicity					
Wound Healing					
Viability Assays					
Organoids					
Genomics					
Western Blotting					

Magnetic levitation

Cat. No.	Format	Description	Content	€ EXCL. VAT the kit
657840	6 wells	6-well Bio-assembler™ kit	- 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 2 x 6-well Cell-Repellent plate Cat.No. 657970 - 2 x Special intermediate cover Cat. No. 657825	NC -
662840	24 wells	24-well Bio-assembler™ kit	- 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 2 x 6-well Cell-Repellent plate Cat.No. 662970 - 2 x Special intermediate cover Cat. No. 662825	NC -

Intermediate lids alone

Allow physical separation of cells and magnets.

Cat. No.	Description	Units/bag	Units/carton	€ Excl. VAT/carton
657825	Special intermediate lid 6 wells	2	10	NC -
662825	Special intermediate cover 24 wells	2	10	NC -

Magnetic bioprinting

Cat. No.	Format	Description	Content	€ EXCL. VAT the kit
655840	96 wells	96-well magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent transparent 96-well plate Cat.No. 655970	NC -
655841	96 wells	96-well black magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent µclear bottom black 96-well plate Cat.No. 655976	NC -
073054	384 wells	384-well magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent transparent 384-well plate Cat.No. 781970	NC -
781841	384 wells	Black 384-well Magnetic Bio-Printing Kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent µclear bottom black 384-well plate Cat.No. 781976	NC -

Ring drive 96 wells and 384 wells for Magnetic bioprinting

Magnetic-Ring Stand for 96 or 384 well plates.

Cat. No.	Format	€ Excl. VAT
655850	96 wells	NC -
073062	384 wells	NC -