

Share your results with us



If you have tested other cells with the use of **LifeGel® for 3D cell culture on  $\mu$ -Slide**, we will be pleased to include photos of the culture on [www.real-research.com](http://www.real-research.com) and you **can get a 10% discount** for the next purchase of this product.

For details visit: [www.shop.real-research.com](http://www.shop.real-research.com)

# LifeGel® for 3D cell culture on $\mu$ -Slide

*in vitro* 3D models



**Ready to use hydrogel for 3D culture on  $\mu$ -Slide**

seed the cells and observe the results

**Easily digestible - extracting cells from the LifeGel®**

cells recovery for further research

**Mimic physiological conditions**

3D like three-dimensional human body

**Possibility of fluorescent and immunofluorescent staining**

e.g. staining F-actin,  $\alpha$ -tubulin, nucleus

**Various cell lines tested**

e.g. PANC-1, Pan02, 4T1



Powered by **cells in focus**



**WE ENJOY TO COOPERATE WITH YOU**

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**WE ARE ON**



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## Ready to use hydrogel for 3D culture on $\mu$ -Slide

The package contains 5 x 15-well  $\mu$ -Slides with LifeGel<sup>®</sup>.



batch to batch repeatable



protein based



growth factors free



microvolumes needed



supply for small and large users



compatible with standard imaging platforms



easily digestible (digestion kit available)



staining with antibodies

## Easily digestible - extracting cells from the LifeGel<sup>®</sup>

Possibility of LifeGel<sup>®</sup> digestion and cells isolation by LifeGel<sup>®</sup> Digestion Kit.



## Mimic physiological conditions

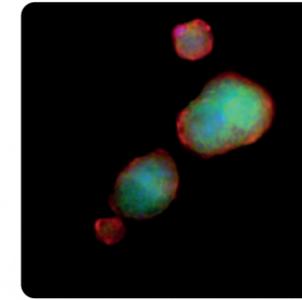
3D cell growth, not monolayer on the surface.



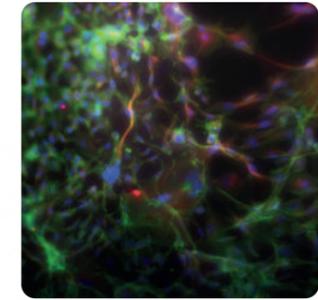
Spheroids growing on the top of the LifeGel<sup>®</sup> guarantee better exposure to treatment and results are more accurate readout.

## Possibility of fluorescent and immunofluorescent staining for various cell lines

Cultivation of various cell lines, for example:



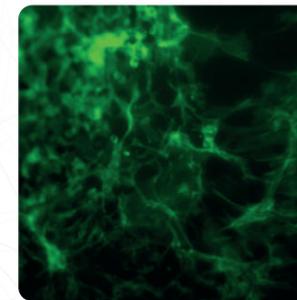
4T1 cell line



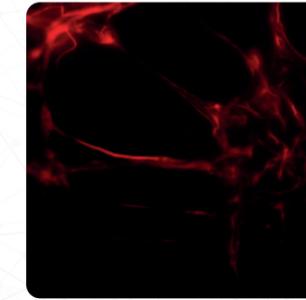
Pan02 cell line

Photo by Shokoufeh Teymouri,  $\mu$ -Slide Angiogenesis, ibidi GmbH.

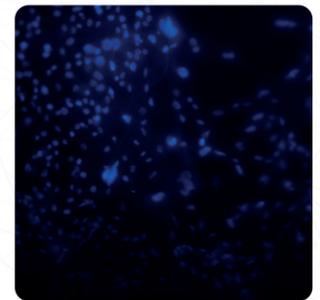
Visualization of various structures:



F-actin



$\alpha$ -tubulin



nucleus

Photo by Shokoufeh Teymouri,  $\mu$ -Slide Angiogenesis, ibidi GmbH.