



Regulatory friendly defined hydrogel sets new benchmark.

AMSBIO announce **MatriMix** – a next generation **3D culture substrate product** with fully defined components containing medical grade collagens, laminin-511 E8 fragments, and hyaluronic acid.

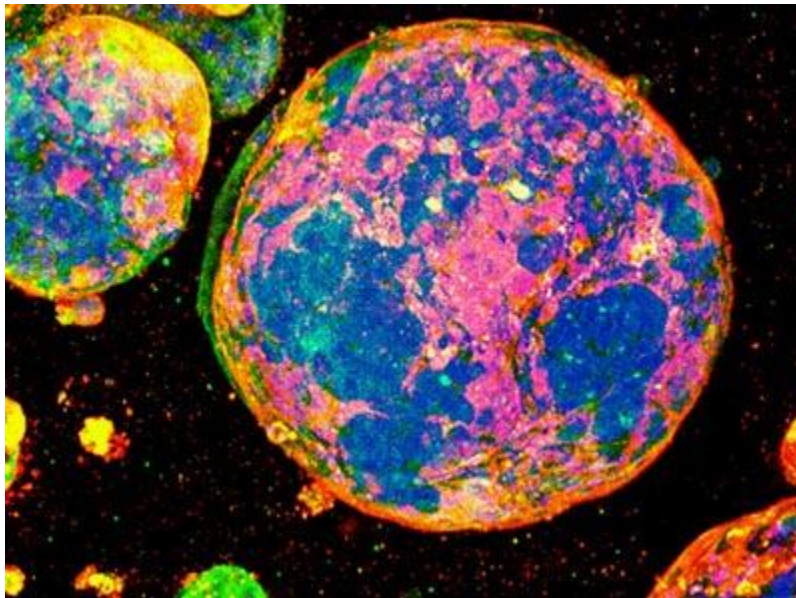


Image Caption : Using MatriMix to induce organoid formation by Colon cancer cells

The high lot-to-lot consistency

of this fully defined hydrogel enables researchers to obtain more reproducible results and undertake applications such as multi-organ organoid formation and organoid formation using adult patient-derived cells that challenge current 3D substrates.

Supplied

as an easy-to-use three-tube formulation kit – adjusting the types and concentrations of the individual MatriMix components enables you to develop the optimal extracellular environment for your target cells. Adjusting the components in MatriMix also makes possible cell culturing of a wide range of organ tissues.

MatriMix

allows for excellent cell organization and enables drug screening to be completed in vitro with results more representative of in vivo testing compared to Matrigel™. This highly versatile hydrogel can be effectively used with a variety of cells **and is the perfect product for defined 3D cell culture of different tissues.** Supplied as a liquid at 4°C (saving on cold chain costs of dry ice shipping), MatriMix becomes a clear gel when incubated at physiological temperature (37°C) and has been shown to reproducibly induce organoid formation in a variety of different organ types including kidney, liver, intestine and many more.



For further information,

including an application poster, please visit <https://www.amsbio.com/3d-cell-culture-extracellular-matrices/matrimix> or contact AMSBIO now on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / info@amsbio.com.

AMS Biotechnology (AMSBIO)

Founded in 1987, AMS Biotechnology (AMSBIO) is recognized today as a leading transatlantic company contributing to the acceleration of discovery through the provision of cutting-edge life science technology, products, and services for R&D in the medical, nutrition, cosmetics, and energy industries. AMSBIO has in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion, and proliferation. This expertise in cell culture and the ECM allows AMSBIO to partner with clients in tailoring cell systems to enhance organoid and spheroid screening outcomes using a variety of 3D culture systems, including organ-on-a-chip microfluidics. For drug discovery research, AMSBIO offers assays, recombinant proteins, and cell lines. Drawing upon a huge and comprehensive biorepository, AMSBIO is widely recognized as a leading provider of high-quality tissue specimens (including custom procurement) from both human and animal tissues. The company provides unique clinical grade products for stem cells and cell therapy applications. This includes GMP cryopreservation technology, and high-quality solutions for viral delivery.

Worldwide HQ

AMS Biotechnology (AMSBIO)

184 Milton Park
Abingdon
Oxon OX14 4SE
UK

Tel: +44-1235-828200

Fax: +44-1235-820482

Email: info@amsbio.com

Web www.amsbio.com