



### **Extrigel: a new highly effective growth matrix**

**AMSBIO** is pleased to announce the launch of **Extrigel**, a like-for-like replacement for **Matrigel™, Geltrex™ and Cultrex™ Basement Membrane Extract (BME)**.

#### **Available ex-stock,**

with overnight shipment, Extrigel is a reconstituted matrix hydrogel formed by basement membrane components extracted from mouse tumor tissues which are rich in extracellular matrix proteins. Designed to be used undiluted or diluted to a specific protein concentration, Extrigel is proven to be a highly effective growth scaffold for in vivo xenograft generation, pluripotent stem cell maintenance / differentiation, angiogenesis and advanced 3D culture applications. Extrigel is composed of laminin, collagen IV, and heparan sulfate proteoglycans plus various growth factors including epidermal growth factor, platelet-derived growth factor, nerve growth factor, basic fibroblast growth factor (FGF-2), transforming growth factor- $\beta$ , and insulin-like growth factor.

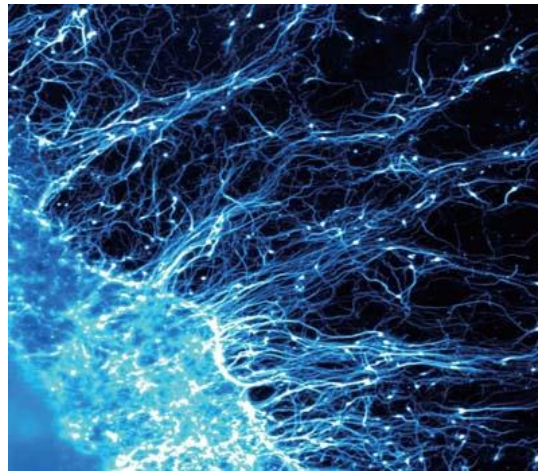


Image caption: Rat neural stem cells grown using Extrigel matrix

#### **Formulated to be free of LDEV**

as well as mycotoxins including fungi, bacteria, and mycoplasma - researchers using Extrigel matrix can generate optimized, gels in under 30 minutes at 37 °C. AMSBIO implements strict quality inspection to ensure unmatched product stability and high batch-to-batch consistency. To learn more about this new gold standard matrix hydrogel please visit [www.amsbio.com/3d-cell-culture-extracellular-matrices/extrigel](http://www.amsbio.com/3d-cell-culture-extracellular-matrices/extrigel) or contact AMSBIO now on +31-72-8080244 / +44-1235-828200 / +1-617-945-5033 / [info@amsbio.com](mailto:info@amsbio.com).

#### **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](mailto:info@amsbio.com)

Web [www.amsbio.com](http://www.amsbio.com)