3D Cell Culture Matrix Alginate Hydrogel Kit

Cat. No. Kit-2407 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Three dimensional (3D) cell cultures are artificially-created environments in which cells are permitted to grow or interact with their surroundings in a 3D fashion. 3D cell cultures improve the function, differentiation and viability of cells and recapitulate in vivo microenvironment compared to conventional 2D cell cultures.3D matrices provide a physiologically relevant screening platform, by mimicking the in vivo responses, for many cell types including cancer and stem cells in developmental morphogenesis, pharmacology, drug metabolism and drug toxicity studies. offers 3D cell culture matrices, including Basement Membrane Matrix (animal-based), Alginate Hydrogel (plant-based) and proprietary Duo-Matrix Mix, to meet the needs and requirements of various research fields.3D Culture Matrix Kits provide a standardized, yet user friendly and adaptable to high-throughput strategy for setting up spheroid formations, 3D cell cultures and pharmacological studies.
Applications	Spheroid Formation Assays
Storage	-20°C
Shipping	Gel Pack
Size	100 assays
Kit Components	Alginate Hydrogel Matrix; Cross-linking Solution; Wash Buffer
Detection method	Qualitative

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Features & Benefits	Reproducible, Qualitative tool for screening, studying, and characterizing compounds in cell culture studies

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