

# Leadgene-XenoForm Tumor Gel

- XenoForm Tumor Gel offers a secure and stable extracellular matrix microenvironment. It is constructed from high-activity synthetic biological materials and has excellent biocompatibility and an adjustable density. The gel, which is convenient to handle at room temperature, stands out as the optimal choice for conducting tumor growth experiments in mouse models.

## Characteristics



► **Bio-Synthesis**  
合成生物原料



► **Stable**  
批次高穩定性



► **Tunable**  
硬度可調



► **R.T.**  
室溫操作



► **Easy**  
容易注射

## Comparison

Products	XenoForm Tumor Gel	Comparison-1	Comparison-2
<b>Origin</b>	Synthetic biological material	Basement membrane extracted from the EHS mouse sarcoma	Animal-free hydrogel
<b>Growth Factor</b>	Without	Complicated	Without
<b>Gel density</b>	Adjustable	-	Adjustable
<b>Gelation</b>	Room temperature	>10°C	Room temperature
<b>Gelation time</b>	10 minutes	-	20-30 minutes
<b>Temperature before injection</b>	Room temperature	4°C	Room temperature
<b>Tumor formation</b>	4 weeks	4 weeks	6-8 weeks

## Procedure



Gel與Cell/R buffer混合液  
1:1充分混合

Cell/Dilution Buffer  
混合液



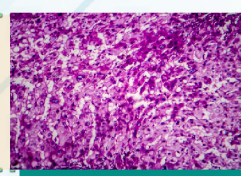
膠體混合 溶液抽取至  
針筒&至溫反應至少10分鐘



皮下組織注射



4-5周摘取腫瘤組織



應用於各種類癌症模型的  
in vivo成瘤試驗

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