

## Leadgene® XenoForm Tumor Gel

**Catalog Number** LDG0006RO

**Package** 25 rxn / 50 rxn

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

XenoForm Tumor Gel is made from synthetic biological materials, which can provide extracellular matrix microenvironment without the risk of zoonotic pathogens or toxins. It has high activity, stability, biocompatibility, safety, and can be operated at room temperature. It is also easy to inject and allows self-adjustment of gel density. This product can be used in tumor growth experiments with various mouse cancer models.

#### Components

| Package | Items                  | Quantity        |
|---------|------------------------|-----------------|
| 25 rxn  | Tumor forming Gel (1X) | 1 vial (2.5 mL) |
|         | Dilution Buffer (1X)   | 1 vial (2.5 mL) |
| 50 rxn  | Tumor forming Gel (1X) | 1 vial (5 mL)   |
|         | Dilution Buffer (1X)   | 1 vial (5 mL)   |

### Specifications

#### Application

In vivo tumor formation assay

### Instruction

#### Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

#### Innovation & Research Center

+886-2-27065528

#### CLD Center

+886-6-2536677

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at 2-8°C for long term storage.

### Stability & Storage

This product is stable after storage at:

- 2-8°C for 24 months in lyophilized state from date of receipt.

## Image

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



XenoForm Tumor Gel offers a secure and stable extracellular matrix microenvironment.

XenoForm Tumor Gel is convenient to handle at room temperature, stands out as the optimal choice for conducting tumor growth experiments in mouse models.

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