

## ◇ 如何取得最新版安全資料表

請至 Thermo Fisher 網頁，將您需要下載的安全資料表的產品編號輸入。  
(如以 15596018 為例) <https://www.thermofisher.com/us/en/home.html>



網站將導引你到產品介紹頁，請直接往下拉，你將能在兩處找到安全資料表。

- 一處是 **Product overview**，直接點選旁邊的 **MSDS**
- 一處是再往下到 **Documents** 的地方，即可看到這個產品的 **MSDS**

Product overview Documents **MSDS** COA FAQs Citations & references Recommendations

- Permits the isolation of RNA, DNA, and protein from the same sample
- Offers superior lysis capability, even with difficult sample types
- Optimized formulations and protocols for tissues, cells, serum, virus, and bacteria

**Reliably purify RNA from multiple sample volumes and sources**  
TRIZOL Reagent performs well with small quantities of tissue (50–100 mg) and cells ( $5 \times 10^6$ ), as well as with large quantities of tissue ( $\geq 1$  g) and cells ( $>10^7$ ), and comes with protocols for purification from samples of human, animal, plant, or bacterial origin. TRIZOL Reagent maintains the integrity of the RNA due to highly effective inhibition of RNase activity while disrupting cells and dissolving cell components during sample homogenization. The simplicity of the TRIZOL Reagent method allows simultaneous processing of a large number of samples. The entire procedure can be completed in 1 hour. Total RNA isolated by TRIZOL Reagent is free of protein and DNA contamination.

**Formulated for isolation of multiple molecular targets**  
TRIZOL Reagent allows you to perform sequential precipitation of RNA, DNA, and proteins from a single sample. After homogenizing the sample with TRIZOL Reagent, chloroform is added, and the homogenate is allowed to separate into a clear upper aqueous layer (containing RNA), and interphase and red lower organic layers (containing the DNA and proteins). RNA is precipitated from the aqueous layer with isopropanol. DNA is precipitated from the interphase/organic layer with ethanol. Protein is precipitated from the phenol-ethanol supernatant by isopropanol precipitation. The precipitated RNA, DNA, or protein is washed to remove impurities, and then resuspended for use in downstream applications.

*For Research Use Only. Not for use in diagnostic procedures.*

Cloning	
Purification Target:	Total RNA, Transcriptome RNA, miRNA
Sample Type:	Plant Samples, Viral Samples, Blood, Tissue, Yeast, Bacteria, Cells
Includes:	200mL TRIZOL Reagent
Isolation Technology:	Organic Extraction
No. of Reactions:	200 Preps
Quantity:	1
High-throughput Compatibility:	Not High-throughput Compatible (Manual)
Purification Time:	1 hr
Scale:	Scaleable
Shipping Condition:	Room Temperature
Starting Material Amount:	Up to 1 g tissue, Up to $1 \times 10^7$ cells
System Type:	TRIZOL
Product Line:	TRIZOL

**Contents & storage**

One bottle. Store at room temperature.

**Supply Center**  
Convenient, on-site access to the products you need.  
[Learn more.](#)

**Documents**

**Manuals & protocols**

- [Quick Reference: TRIZOL Reagent \(Japanese\)](#)
- [User Guide - TRIZOL Reagent - Experimental protocol for DNA isolation](#)

**Material safety data sheets (MSDS)**

- [15596018](#)

點選 MSDS 之後，請選擇 Asia-Pacific 區域以及 Chinese(Traditional)語言進行下載。即可取得中文的安全資料表。

Select download options	
Asia-Pacific	Chinese (Traditional)
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物質安全資料表應至少三年更新一次，如發現網站上安全資料表超過三年沒更新，或是沒有繁體中文的版本，歡迎寫信給我們，讓我們知道可以改善的部分，謝謝。

寫信請寫至 [MSDS@lifetech.com](mailto:MSDS@lifetech.com).

或是到網站上提出你珍貴的問題。

<https://www.thermofisher.com/in/en/home/support/msds-request-form.html>