

## 6M guanidine isothiocyanate solution

Item No. : G8212

Specification: 100mL/500mL

Save: RT

Valid: 1 year

### Product Description:

- Guanidine isothiocyanate belongs to uncoupling agent, is a kind of strong protein denaturant, can dissolve protein, the main function is to split cells, so that the protein in the cell, nucleic acid material depolymerization to be released, extract RNA and DNA.
- As a strong denaturant in the extraction of total cell RNA experiment. Guanidine hydrochloride solution can dissolve protein, resulting in the destruction of cell structure, the destruction of secondary structure of nuclear protein, and the dissociation from nucleic acid; It can also fully inhibit the ribonuclease activity of the cell and the whole tissue. Because of its biological destructive properties, buffers containing guanidine hydrochloride or guanidine thiocyanate are often referred to as dissociated buffers.
- This product is ready-to-use 6M guanidine isothiocyanate solution.

### Product parameters:

English name: Guanidine thiocyanate solution (guanidine isocyanate solution)

Concentration: 6M

CAS: 593-84-0

Molecular Formula:  $C_2H_6N_4S$

Molecular weight: 118.16

Appearance (character) : liquid

### Note:

1. If the amount used each time is small, it can be used after appropriate packaging.
2. This product is for scientific research use only. Do not use for medicine, clinical diagnosis or therapy, food or cosmetics. Do not store in ordinary residential areas.
3. For your safety and health, please wear a lab coat and wear disposable gloves and a mask.
4. Inhalation: Inhalation may be harmful. The substance is destructive to tissues, mucous membranes, and the upper respiratory tract.
5. Ingestion: Ingestion can be harmful. Cause burns.
6. Skin: May be harmful if absorbed through the skin. May cause skin burns.
7. Eyes: Eye splash, can cause eye burns.

### Related products:

G8210                      *guanidine isothiocyanate*