

Manual

DTT, DTT RTU

Dithiothreitol.

catalog #	size
2010-5	5 g
2010-25	25 g
2010-10P	10 x 154 mg

For research use only.

Guarantee

A&A Biotechnology provides guarantee on this product.

The company does not guarantee correct performance of this kit in the event of:

- not adhering to the supplied protocol
- use of not recommended equipment or materials
- use of other reagents than recommended or which are not a component of the product
- use of expired or improperly stored product or its components

Description

DTT (Cleland's reagent)

Dithiothreitol

$C_4H_{10}O_2S_2$

MW=154.25 g/mol

DTT is a common name for a small molecule redox reagent also known as Cleland's reagent. Usually a strong reducing agent. Primarily used to protect free SH-groups from oxidation during isolation of proteins or other biochemical procedures.

Presence >99% of available -SH groups according to iodometric test.

DTT is unstable in solution.

Storage

Store at:

lyophilisate: 2–8 °C

solution: -20 °C

Application

2010-5, # 2010-25

Form: lyophilisate.

We recommend dissolving lyophilisate in sterile water.

2010-10P

Form: lyophilisate (10 tubes with 154 mg each).

Dissolving in 1 ml of water results in 1 M solution.



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