



41066

TRizol-C Reagent

Part E

Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Pale Yellow (Straw coloured)
Agarose gel electrophoresis	Clear bands of RNA seen
RNA isolation	RNA Bands of good intensity
Stability	Stable for on year from the date of manufacture

Other Information

Description

TRizol-C Reagent is our new and cost-effective ready-to-use formulation for isolation of pure total RNA from cells and tissues. The reagent, a monophasic solution of phenol and guanidine isothiocyanate, is an improvement giving very high yields of pure RNA useful for downstream processes .

During sample homogenization or lysis, TRizol-C Reagent maintains the integrity of the RNA, while disrupting cells and dissolving cell components. Addition of chloroform followed by centrifugation, separates the solution into an aqueous phase and an organic phase. RNA remains exclusively in the aqueous phase. After transfer of the aqueous phase, the RNA is recovered by precipitation with isopropyl alcohol. After removal of the aqueous phase, the DNA and proteins in the sample can be recovered by sequential precipitation. Precipitation with ethanol yields DNA from the interphase, and an additional precipitation with isopropyl alcohol yields proteins from the organic phase. Copurification of the DNA may be useful for normalizing RNA yields from sample to sample.

Application

it can be used for Northern blot analysis, dot blot hybridization, poly (A)+ selection, in vitro translation, RNase protection assay, and molecular cloning.

General Information

Storage	2 to 8°C (Refrigerate)
Shelf Life	12 Months

IMDG Identification

Not Regulated for Transport (Non-Haz)

HSN Code

100 ml

38229090 (GST 12%)

20 ml

38229090 (GST 12%)

Available Packages

20 ml

100 ml

Disclaimer

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