83462

Genomic DNA Extraction (from bacteria) Kit (Teaching)

Part E

Specifications

Agarose gel electrophoresis	Extracted DNAs molecular size is compared with High range DNA marker
DNase activity	None detected
A260/A280	1.6-1.9
Stability	Stable for one year

Other Information

Description	The overall goal is to isolate chromosomal DNA from bacterial cells. The cells are first re-suspended in a suitable buffer (that minimizes nuclease activity) and ruptured to release the cellular contents. The contaminating RNA is removed by digestion with RNase A. Finally, nucleic acid is precipitated in water-alcohol mixture in presence of high concentration of inorganic salt
Includes	Bacterial cell pellet - 18 vials SE buffer with RNaseA - 5 ml 20% SDS - 200 mcl 2.5 M KCl - 200 mcl Buffer saturated phenol - 4 ml Chloroform - 5 ml DNA precipitation solution - 14 ml Wash solution - 15 ml TE buffer - 500 mcl Agarose - 0.5 g Ethidium bromide - 30 mcl 6X gel loading dye - 100 mcl Control DNA (200 ng /10 ml) - 60 mcl 50X TAE Buffer - 25 ml

General Information

Storage	Includes components ranging from RT to -20°C
Shelf Life	6 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
15 expt. Kit	38229090 (GST 12%)

Available Packages

15 expt. Kit

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