



19317

BioLit Gene Amplification Kit - PCR (Teaching)

Part E

Specifications

Amplification capability

Amplification with good yield is seen with the template and primers in the kit

PCR amplification

Protocol given with kit shows good amplification with amplicons of the sizes ranging from either 600 to 900bp.

Other Information

Description

Polymerase Chain Reaction (PCR) is an important tool in Biotechnology. PCR rapidly amplifies a specific region of a single DNA molecule in vitro to yield sufficient quantities that can be cloned, sequenced, analyzed by restriction mapping etc. In this kit the gene for E.coli pyrophosphatase is amplified from its template DNA using specific primers in 30 cycles of operation.

Includes

Components	10 Experiments	25 Experiments
Control (with 36 mcl of PCR master mix)	12 vials	28 vials
Test (with 1 mcl template)	12 vials	28 vials
Taq Polymerase (5U/mcl)	10 mcl	20 mcl
Enzyme Diluent Buffer	50 mcl	150 mcl
6 X Gel loading Dye	120 mcl	250 mcl
Agarose	0.75 g	2.5 g
Ethidium Bromide	50 mcl	100 mcl
50 X TAE buffer	25 ml	50 ml
Sterile Water	100 mcl	250 mcl
DNA marker	60 mcl	100 mcl

General Information

Storage

-20 °C (Blue/Dry Ice)

Shelf Life

12 Months

IMDG Identification

Not Regulated for Transport (Non-Haz)

HSN Code

10 expt. Kit

38229090 (GST 12%)

Available Packages

10 expt. Kit

25 expt. Kit

Disclaimer

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