dNTP Set, PCR Grade and dNTP Mix, PCR Grade

For sensitive and reproducible PCR and RT-PCR

Product Contents

	dNTP Set, PCR Grade		dNTP Mix, PCR Grade	
	4 x 100 µl	4 x 250 µl	1 x 200 µl	4 x 200 µl
Catalog no.	**201912**	**201913**	**201900**	**201901**
Number of reactions*	**1000**	**2500**	**200**	**800**
dNTP Mix, 10 mM each			200 µl	4 x 200 µl
dNTP Set, 100 mM each	4 x 100 µl	4 x 250 µl		
Product Sheet	1	1	1	1

* Number of standard 50 µl PCR reactions (0.2 µM each nucleotide).

Storage Conditions

dNTP Set and Mix should be stored immediately upon receipt at –20°C in a constant-temperature freezer. It can be stored for at least 18 months without showing any reduction in PCR performance.

Product Description

dNTP Set is a complete set of individual, highly pure dNTPs. Each individual dNTP is supplied in water and can be diluted and mixed with any other dNTP to the desired concentration. The ready-to-use dNTP Mix contains dATP, dCTP, dGTP, and dTTP in water (pH 7.5), each at a concentration of 10 mM. This product is suitable for use in all standard PCR techniques and all sensitive PCR techniques such as long-range PCR, multiplex PCR, and RT-PCR.

Safety Information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs). These are available online in convenient and compact PDF format at www.qiagen.com/ts/msds.asp where you can find, view, and print the MSDS for each QIAGEN kit and kit component.

24-hour emergency information

Emergency medical information in English, French, and German can be obtained 24 hours a day from:
Poison Information Center Mainz, Germany Tel: +49-6131-19240

Quality Control

The performance of each lot of dNTP Set and Mix is tested in a polymerase chain reaction requiring all four nucleotides.

Product Use Limitations

QIAGEN dNTP Set, PCR Grade and dNTP Mix, PCR Grade are intended for research use. No claim or representation is intended to provide information for the diagnosis, prevention, or treatment of a disease.

Procedure

Protocols for the use of dNTP Set and Mix can be found in the appropriate PCR Kit. Selected kit handbooks can be downloaded from www.qiagen.com/literature/default.aspx .

Trademarks: QIAGEN® (QIAGEN Group).
© 2006 QIAGEN, all rights reserved. 1038886 10/2006