



碧云天生物技术/Beyotime Biotechnology
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Cy3-dUTP (1mM, Nuclease free)

产品编号	产品名称	包装
D7332-20μl	Cy3-dUTP (1mM, Nuclease free)	20μl
D7332-100μl	Cy3-dUTP (1mM, Nuclease free)	100μl
D7332-500μl	Cy3-dUTP (1mM, Nuclease free)	500μl

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
N/A	C ₄₃ H ₅₆ N ₅ O ₂₁ P ₃ S ₂ (free acid)	1135.97 (free acid)	≥95%	BioReagent

➤ 基本信息(General Information):

Name (Chinese)	Cy3-脱氧尿苷三磷酸
Name (English)	Cy3-dUTP; Cyanine 3-dUTP; Aminoallyl-dUTP-Cy3; Cyanine 3-deoxyuridine-5'-triphosphate; 5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate, labeled with Cy3;
Specifications	BioReagent, ≥95%
Chemical Formula	C ₄₃ H ₅₆ N ₅ O ₂₁ P ₃ S ₂ (free acid)
Concentration	1mM
Appearance	Clear solution
Structure	

➤ 产品描述(Description):

General Description	Cv3-dUTP (Cyanine 3-dUTP)在大多数情况下可以取代dTTP作为各种DNA合成酶、修饰酶、聚合酶,包括Taq DNA Polymerase (D7209)、phi29 DNA Polymerase (D7053)、Klenow Fragment, Exo- (D7039/D7041)、Klenow Fragment (D7037)、Terminal Deoxynucleotidyl Transferase (D7092/D7095)、DNA Polymerase I、逆转录酶(D7188/D7176/D7160/D7153)等的底物,对DNA实现红色荧光标记。例如通过PCR生成Cv3标记DNA红色荧光探针,经凝胶电泳后,Cv3标记DNA的荧光在激发后清晰可见,无需进一步染色。由该方法生成的荧光标记探针适用于多种应用,如FISH、微阵列、印迹检测、多色荧光分析等。激发/发射波长分别为550/570nm。
Application	DNA labeling and detection

包装清单:

产品编号	产品名称	包装
D7332-20μl	Cy3-dUTP (1mM, Nuclease free)	20μl
D7332-100μl	Cy3-dUTP (1mM, Nuclease free)	100μl
D7332-500μl	Cy3-dUTP (1mM, Nuclease free)	500μl
—	说明书	1份

保存条件:

-20°C避光保存, 至少两年有效。

注意事项:

- 本产品需避光保存, 防止荧光淬灭。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

相关产品:

产品编号	产品名称	包装
D7331-20µl	Biotin-11-dUTP (1mM, Nuclease free)	20µl
D7331-100µl	Biotin-11-dUTP (1mM, Nuclease free)	100µl
D7331-500µl	Biotin-11-dUTP (1mM, Nuclease free)	500µl
D7332-20µl	Cy3-dUTP (1mM, Nuclease free)	20µl
D7332-100µl	Cy3-dUTP (1mM, Nuclease free)	100µl
D7332-500µl	Cy3-dUTP (1mM, Nuclease free)	500µl
D7333-20µl	Fluorescein-12-dUTP (1mM, Nuclease free)	20µl
D7333-100µl	Fluorescein-12-dUTP (1mM, Nuclease free)	100µl
D7333-500µl	Fluorescein-12-dUTP (1mM, Nuclease free)	500µl
D7336-20µl	Biotin-16-UTP (10mM, Nuclease free)	20µl
D7336-100µl	Biotin-16-UTP (10mM, Nuclease free)	100µl
D7336-500µl	Biotin-16-UTP (10mM, Nuclease free)	500µl
D7337-20µl	Cy3-UTP (10mM, Nuclease free)	20µl
D7337-100µl	Cy3-UTP (10mM, Nuclease free)	100µl
D7337-500µl	Cy3-UTP (10mM, Nuclease free)	500µl
D7338-20µl	Fluorescein-12-UTP (10mM, Nuclease free)	20µl
D7338-100µl	Fluorescein-12-UTP (10mM, Nuclease free)	100µl
D7338-500µl	Fluorescein-12-UTP (10mM, Nuclease free)	500µl
D7351	dATP (100mM)	250µl
D7353	dCTP (100mM)	250µl
D7355	dGTP (100mM)	250µl
D7357	dTTP (100mM)	250µl
D7359-250µl	dUTP (100mM)	250µl
D7359-1ml	dUTP (100mM)	1ml
D7361-250µl	dITP (100mM)	250µl
D7361-1ml	dITP (100mM)	1ml
D7366	dNTP (4管套装, 100mM)	4×50µl
D7371	dNTP Mixture (2.5mM each)	1ml
D7373	dNTP Mixture (25mM each)	250µl
D7376-1ml	dNTP/dUTP Mixture (2.5mM each/5mM)	1ml
D7376-5ml	dNTP/dUTP Mixture (2.5mM each/5mM)	5ml
D7205	Taq DNA Polymerase	200U
D7207	Taq DNA Polymerase	1000U
D7209	Taq DNA Polymerase	5000U
D7211S	Hot-Start Taq DNA Polymerase	200U
D7211M	Hot-Start Taq DNA Polymerase	1000U
D7211L	Hot-Start Taq DNA Polymerase	5000U
D7213S	BeyoAmp™ Extra-long DNA Polymerase	200U
D7213M	BeyoAmp™ Extra-long DNA Polymerase	1000U
D7215S	BeyoAmp™ Plus Extra-long DNA Polymerase	200U
D7215M	BeyoAmp™ Plus Extra-long DNA Polymerase	1000U
D7216	Pfu DNA Polymerase	200U
D7217	Pfu DNA Polymerase	1000U

D7218	BeyoTaq DNA Polymerase	200U
D7219	BeyoTaq DNA Polymerase	1000U
D7220	BeyoFusion™ DNA Polymerase	200U
D7221	BeyoFusion™ DNA Polymerase	1000U
D7222	BeyoFusion™ Plus DNA Polymerase	200U
D7222B	BeyoFusion™ Plus DNA Polymerase	1000U
D7223	PCR Buffer套装(PCR优化用)	共5ml
D7232	PCR Kit with Taq	400次
D7233	PCR Kit with Taq	2000次
D7237	PCR Kit with BeyoTaq	400次
D7239S	Q6U™ High-Fidelity DNA Polymerase	100U
D7239M	Q6U™ High-Fidelity DNA Polymerase	500U
D7239L	Q6U™ High-Fidelity DNA Polymerase	2000U
D7241S	HemoTaq™ DNA Polymerase (Blood-resistant)	200次
D7241M	HemoTaq™ DNA Polymerase (Blood-resistant)	1000次
D7243S	HemoTaq™ HF DNA Polymerase (Blood-resistant)	200次
D7243M	HemoTaq™ HF DNA Polymerase (Blood-resistant)	1000次
D7053S	phi29 DNA Polymerase	250U
D7053M	phi29 DNA Polymerase	1kU
D7053L	phi29 DNA Polymerase	5kU
D7053XL	phi29 DNA Polymerase	20kU
D7153	BeyoRT™ M-MuLV反转录酶	2000U
D7159	BeyoRT™ M-MuLV反转录酶(RNase H-)	2000U
D7160S	BeyoRT™ II M-MLV反转录酶(RNase H-)	10KU
D7160M	BeyoRT™ II M-MLV反转录酶(RNase H-)	50KU
D7160L	BeyoRT™ II M-MLV反转录酶(RNase H-)	200KU
D7176S	BeyoRT™ III M-MLV反转录酶	10KU
D7176M	BeyoRT™ III M-MLV反转录酶	50KU
D7176L	BeyoRT™ III M-MLV反转录酶	200KU
D7188S	BeyoRT™ Q M-MLV反转录酶	10KU
D7188M	BeyoRT™ Q M-MLV反转录酶	50KU
D7188L	BeyoRT™ Q M-MLV反转录酶	200KU
D7039	Klenow Fragment, Exo-	100U
D7041S	Klenow Fragment, Exo-	200U
D7041M	Klenow Fragment, Exo-	1000U
D7041L	Klenow Fragment, Exo-	5000U
D3118	生物素随机引物DNA标记试剂盒	10次
D7037S	Klenow Fragment	200U
D7037M	Klenow Fragment	1000U
D7037L	Klenow Fragment	5000U
A0303	辣根过氧化物酶标记Streptavidin	0.2ml
A0305-0.2ml	辣根过氧化物酶标记Streptavidin	0.2ml
A0305-1ml	辣根过氧化物酶标记Streptavidin	1ml
A0305-5ml	辣根过氧化物酶标记Streptavidin	5ml
A0312	碱性磷酸酯酶标记Streptavidin	0.2ml

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