

GC04 MOLECULAR BIOLOGY

PCR & qPCR Reagents

Illustrative image

Polymerases, mastermixes and nucleotides. (Part 1 of 5)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

15
 PRODUCTS

29
 PACK
 OPTIONS

₹1,391
 PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-028-029	M- MLV Reverse Transcriptase, RnaseH minus	10000 U · 50000 U	from 5,153
GLT-GC04-030-031	Max M- MLV Reverse Transcriptase, RnaseH minus	10000 U · 50000 U	from 11,001
GLT-GC04-036	GRTScript Reverse Transcriptase	500 U	87,780
GLT-GC04-037-038	One Step RT PCR Kit	100 rxn · 50 rxn	from 26,180
GLT-GC04-039-040	One Step Quick RT PCR Kit	50 rxn · 100 rxn	from 28,180
GLT-GC04-041-042	Dual StepTaq RT PCR Kit	50 rxn · 100 rxn	from 26,003
GLT-GC04-048	Hot Start G9 Taq DNA Polymerase (Antibody based)	100 U	5,130
GLT-GC04-050-052	Hi-G9 Taq DNA polymerase	500 U · 1000 U · 5000 U	from 2,936
GLT-GC04-053	10X G9 Taq Buffer	4X1.25 ml	1,391
GLT-GC04-054	10X Hi-G9 Taq Buffer	4X1.25 ml	2,155
GLT-GC04-055-056	GPfu DNA Polymerase Recombinant (2.5u/ul)	100 U · 500 U	from 5,130
GLT-GC04-057-059	G9 PCR CORE KIT (G9 Taq)	100 rxn · 250 rxn · 1000 rxn	from 13,657
GLT-GC04-060-061	Bst DNA Polymerase, Large Fragment	1600 U · 8000 U	from 7,068
GLT-GC04-062-063	Prime Taq DNA Polymerase	500 U · 1000 U	from 6,031
GLT-GC04-064-066	G9 Taq DNA Polymerase, 10X buffer with MgCl (2.5U/ul) 2	500 U · 1000 U · 5000 U	from 2,109

Full specifications and every pack size: Product Catalogue 2026-27, pages **32-38**.

Grace Lifetech Pvt. Ltd.

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Product Catalogue 2026-27 · Edition 2.0 ·

GLT-FLY-GC04-01

R&D Centre: TIH/CUB/04, BTCIF, 1st Floor, TICEL Biopark Limited Phase II, No. 5, CSIR Road, Taramani, Chennai – 600113

GC04 MOLECULAR BIOLOGY

PCR & qPCR Reagents

Illustrative image

Polymerases, mastermixes and nucleotides. (Part 2 of 5)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

12
PRODUCTS

23
PACK
OPTIONS

₹2,975
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-067-068	G9 Taq DNA polymerase, 10X buffer with MgCl (5U/ul) 2	1000 U · 5000 U	from 3,403
GLT-GC04-069-070	G9 Taq DNA polymerase, 10X buffer without MgCl (2.5U/ 2 ul)	1000 U · 5000 U	from 3,403
GLT-GC04-071-072	G9 Taq DNA polymerase, 10X buffer without MgCl (5U/ul) 2	1000 U · 5000 U	from 3,403
GLT-GC04-073	2X Prime Taq PCR Master Mix	1000 rxn	48,997
GLT-GC04-074-076	2X G9 Taq PCR Master Mix	100 rxn · 250 rxn · 1000 rxn	from 2,975
GLT-GC04-077-079	2X Hi-G9 Taq PCR Master Mix	100 rxn · 250 rxn · 1000 rxn	from 3,990
GLT-GC04-080-081	2X G9 Taq Ready load PCR Master Mix	100 rxn · 1000 rxn	from 3,010
GLT-GC04-082-083	2X G-Pfu DNA Master Mix	100 rxn · 1000 rxn	from 6,610
GLT-GC04-086-087	dNTP's (100mM dNT- Pset)	100 µl each · 25 0µl each	from 4,389
GLT-GC04-088	10mM dNTP Mix,ultrapure	1000 µl	10,237
GLT-GC04-089	10mM dNTP set	250 µl each	5,351
GLT-GC04-090-091	1X Colony PCR Master Mix	250 rxn · 1000 rxn	from 11,601

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GLT-FLY-GC04-02

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GC04 MOLECULAR BIOLOGY

PCR & qPCR Reagents

Illustrative image

Polymerases, mastermixes and nucleotides. (Part 3 of 5)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

14
 PRODUCTS

25
 PACK
 OPTIONS

₹2,850
 PRICE FROM
TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-092-094	1X Colony PCR Mix (T7)	100 rxn · 250 rxn · 1000 rxn	from 5,719
GLT-GC04-095-097	1X Colony PCR Mix (M13)	100 rxn · 250 rxn · 1000 rxn	from 5,719
GLT-GC04-098	Fastract Direct PCR Kit® from Plant	100 rxn	7,100
GLT-GC04-099	Fastract Direct PCR Kit from Plant	500 rxn	23,500
GLT-GC04-100 +1	Fastract Direct PCR Kit® from Blood	100 rxn · 1000 rxn	from 10,250
GLT-GC04-101	Fastract Direct PCR Kit from Blood	500 rxn	28,360
GLT-GC04-103	Fastract Blood lysis Buffer from Blood (Without Mastermix)	1000 rxn	44,210
GLT-GC04-104-105	Fastract Direct PCR Kit® from Cultured Cell	100 rxn · 500 rxn	from 10,400
GLT-GC04-106-107	Fastract Direct PCR Kit® from Tissue	100 rxn · 500 rxn	from 12,000
GLT-GC04-108 +1	PCR grade extra pure Water	100 ml · 10 ml	3,648
GLT-GC04-109	PCR grade extra pure MgCl ₂ 25mM	10 ml X 5	5,244
GLT-GC04-110 +1	PCR grade extra pure DMSO	10 ml X 5 · 1 ml X 5	from 2,850
GLT-GC04-116-117	Fastract Direct PCR Kit® from Saliva/ Buccal Swab	100 rxn · 500 rxn	from 7,100
GLT-GC04-118-119	Fastract Direct PCR Kit® from Hair	100 rxn · 500 rxn	from 12,000

Full specifications and every pack size: Product Catalogue 2026-27, pages **32-38**.

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GLT-FLY-GC04-03

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GC04 MOLECULAR BIOLOGY

PCR & qPCR Reagents

Illustrative image

Polymerases, mastermixes and nucleotides. (Part 4 of 5)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

12
PRODUCTS

24
PACK
OPTIONS

₹8,550
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-120	GLTaqman 2X Master Mix from (40ul rxn), 5×5 ml	1250 rxn	1,64,041
GLT-GC04-121	GLTaqman 2X Master Mix, UNG added (40ul rxn), 1 ml	50 rxn	11,096
GLT-GC04-122	GLTaqman 2X Master Mix, UNG added (40ul rxn), 4X1.25 ml	250 rxn	42,115
GLT-GC04-123	GLTaqman 2X Master Mix, UNG added (40ul rxn), 8X1.25 ml	500 rxn	77,501
GLT-GC04-124	GLTaqman 2X Master Mix, UNG added (40ul rxn), 5X5 ml	1250 rxn	1,65,041
GLT-GC04-125-127	2X One Step RT-PCR Master Mix	100 rxn · 500 rxn · 1000 rxn	from 25,000
GLT-GC04-128-130	2X One Step RT-PCR Master Mix with Rox	100 rxn · 500 rxn · 1000 rxn	from 25,000
GLT-GC04-131-134	2X SYBER qPCR Master Mix, Rox	1 ml · 1 ml X 5 · 1 ml X 10 · 5 ml X 5	from 8,550
GLT-GC04-135-138	2X H-eff qPCR Master Mix, Rox	1 ml · 1 ml X 5 · 1 ml X 10 · 5 ml X 5	from 9,918
GLT-GC04-141-143	DiAGSure HRM Master Mix	1 ml · 5 ml · 5 ml X 5	from 13,590
GLT-GC04-147	GLTaqman 2X Master Mix from (40ul rxn), 1 ml	50 rxn	10,096
GLT-GC04-148	GLTaqman 2X Master Mix from (40ul rxn), 4×1.25 ml	250 rxn	41,115

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GLT-FLY-GC04-04

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GC04 MOLECULAR BIOLOGY

PCR & qPCR Reagents

Illustrative image

Polymerases, mastermixes and nucleotides. (Part 5 of 5)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

15
PRODUCTS

22
PACK
OPTIONS

₹3,300
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-149	GLTaqman 2X Master Mix from (40ul rxn), 8×1.25 ml	500 rxn	76,501
GLT-GC04-169-171	T7 RNA Polymerase	1000 U · 5000 U · 25000 U	from 3,300
GLT-GC04-183	GL-isoNamp Seed PCR kit for Bajara	200 rxn	9,900
GLT-GC04-185	GL-isoNamp Seed PCR kit for Brinjal	200 rxn	9,900
GLT-GC04-186	GL-isoNamp Seed PCR kit for Cotton	200 rxn	9,900
GLT-GC04-187	GL-isoNamp Seed PCR kit for Maize	200 rxn	9,900
GLT-GC04-188	GL-isoNamp Seed PCR kit for Marigold	200 rxn	9,900
GLT-GC04-190	GL-isoNamp Seed PCR kit for Onion	200 rxn	9,900
GLT-GC04-191	GL-isoNamp Seed PCR kit for Paddy	200 rxn	9,900
GLT-GC04-192	GL-isoNamp Seed PCR kit for Pea	200 rxn	9,900
GLT-GC04-193	GL-isoNamp Seed PCR kit for Sunflower	200 rxn	9,900
GLT-GC04-194	GL-isoNamp Seed PCR kit for Tomato	200 rxn	9,900
GLT-GC04-195	GL-isoNamp Seed PCR kit for Wheat	200 rxn	9,900
GLT-GC04-196-198	Fastract Direct PCR Kit® for Plant	100 rxn · 500 rxn · 1000 rxn	from 7,100
GLT-GC04-199-202	Fastract Lysis Buffer for Plant (without Master Mix)	5 ml · 50 ml · 100 ml · 500 ml	from 5,025

Full specifications and every pack size: Product Catalogue 2026-27, pages **32-38**.

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GLT-FLY-GC04-05

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GC04 MOLECULAR BIOLOGY

Cloning & Competent Cells & Buffers & Solutions

Illustrative image

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

7
PRODUCTS

12
PACK
OPTIONS

₹2,321
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
Cloning & Competent Cells			
GLT-GC04-144-146	Hi-efficiency TA-Cloning kit	10 rxn · 20 rxn · 40 rxn	from 6,566
GLT-GC04-150-152	T4 DNA Ligase (5U/ul)	100 U · 250 U · 1000 U	from 6,553
GLT-GC04-153-154	T4 DNA Ligase (1U/ul)	100 U · 250 U	from 6,300
GLT-GC04-156	T4 DNA Ligase Buffer Pack	1.5 ml	2,321
GLT-GC04-168	X-Gal	100 gm	19,790
Buffers & Solutions			
GLT-GC04-163	1M Tris (pH 8) Hi-pure	10 ml	9,861
GLT-GC04-165	0.5 M EDTA, Hi-pure	10 ml	2,508

Full specifications and every pack size: Product Catalogue 2026-27, pages **32-38**.

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GLT-FLY-GC04-06

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GC04 MOLECULAR BIOLOGY

Other Molecular Biology Reagents

Illustrative image

Further molecular-biology reagents. (Part 1 of 3)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

10
PRODUCTS

21
PACK
OPTIONS

₹9,718
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-001	GMagSure® Nucleic acid Isolation Kit (Bacteria)	50 Prep	24,747
GLT-GC04-002	GMagSure® Nucleic acid Isolation Kit (Cultured Cell)	50 Prep	24,747
GLT-GC04-003	GMagSure® Nucleic acid Isolation Kit (Plant)	50 Prep	24,747
GLT-GC04-004	GMagSure® Nucleic acid Isolation Kit (Tissue)	50 Prep	24,747
GLT-GC04-005-007	GLSure® Nucleic acid Isolation Kit (Body fluid)	50 Prep · 100 Prep · 250 Prep	from 14,380
GLT-GC04-008-010	GLSure® Nucleic acid Isolation Kit (Bacteria)	50 Prep · 100 Prep · 250 Prep	from 14,380
GLT-GC04-011-013	GLSure® Nucleic acid Isolation Kit (Cultured Cell)	50 Prep · 100 Prep · 250 Prep	from 14,380
GLT-GC04-014-016	GLSure® Nucleic acid Isolation Kit (Plant)	50 Prep · 100 Prep · 250 Prep	from 14,380
GLT-GC04-017-019	GLSure® Nucleic acid Isolation Kit (Tissue)	50 Prep · 100 Prep · 250 Prep	from 14,380
GLT-GC04-020-021	GLSure® Ultra Nucleic acid Isolation Kit (Bacteria)	20 Prep · 50 Prep	from 9,718

Full specifications and every pack size: Product Catalogue 2026-27, pages **32-38**.

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GLT-FLY-GC04-07

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GC04 MOLECULAR BIOLOGY

Other Molecular Biology Reagents

Illustrative image

Further molecular-biology reagents. (Part 2 of 3)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

14
PRODUCTS

22
PACK
OPTIONS

₹2,257
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-022-023	GLSure® Ultra Nucleic acid Isolation Kit (Cultured Cell)	20 Prep · 50 Prep	from 9,718
GLT-GC04-024-025	GLSure® Ultra Nucleic acid Isolation Kit (Plant)	20 Prep · 50 Prep	from 9,718
GLT-GC04-026-027	GLSure® Ultra Nucleic acid Isolation Kit (Tissue)	20 Prep · 50 Prep	from 9,718
GLT-GC04-032	R2D 1st strand cDNA synthesis kit, RNaseH minus	20 rxn	6,019
GLT-GC04-033	R2D 1st strand cDNA synthesis kit	100 rxn	17,887
GLT-GC04-034-035	R2D Fast 1st strand cDNA synthesis kit	20 rxn · 100 rxn	from 8,345
GLT-GC04-043-044	Oligo dT (50uM)	100 µl · 250 µl	from 3,397
GLT-GC04-045	Random Hexamer (50µM)	100 µl	2,633
GLT-GC04-046	Random decamer (50µM)	100 µl	4,070
GLT-GC04-047	Random Octamer (50µM)	100 µl	4,070
GLT-GC04-084	NTP Mix (10mM)	20 µmol	16,500
GLT-GC04-085	dUTP, 100mM	0.25 ml	6,990
GLT-GC04-111 +2	Hi-grade Nuclease free water	100 ml X 5 · 100 ml · 100 ml X 5	from 2,629
GLT-GC04-112-113	Magnesium Chloride (MgCl), 25mM 2	50 ml · 25 ml	from 2,257

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Product Catalogue 2026-27 · Edition 2.0 ·

GLT-FLY-GC04-08

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GC04 MOLECULAR BIOLOGY

Other Molecular Biology Reagents

Illustrative image

Further molecular-biology reagents. (Part 3 of 3)

GLSure® molecular-biology reagents: PCR components, buffers, nucleotides, dyes and general reagents for the molecular lab.

14
PRODUCTS

24
PACK
OPTIONS

₹1,368
PRICE FROM

TYPICAL RESEARCH USE

PCR and RT-PCR reaction set-up

Electrophoresis buffers and staining

General molecular-biology bench reagents

GRACE CAT. NO.	PRODUCT	PACK SIZES	PRICE (₹)
GLT-GC04-115	rNTP's set (100mM)	(4 X 0.25 ml)	5,400
GLT-GC04-139-140	SYBR Green solution 10000X in DMSO	0.5 ml · 1 ml	from 24,328
GLT-GC04-155	Fast T4 DNA Ligation kit	30 rxn	12,598
GLT-GC04-157-159	Rnase Inhibitor (40u/ ul)	2000 U · 4000 U · 20000 U	from 5,900
GLT-GC04-160	Exonuclease I	1000 U	6,156
GLT-GC04-161	10mM DTT, Hi-pure reaction grade	1 ml X 5	2,052
GLT-GC04-162	100mM MgSO4 MB grade	1 ml X 5	1,368
GLT-GC04-164	1M HEPES, (pH 6.6) Hi-pure	10 ml	3,534
GLT-GC04-166-167	Uracil-DNA Glycosylase	1000 U · 5000 U	from 7,590
GLT-GC04-172-174	GLSure® Invitro Transcription Kit	25 rxn · 50 rxn · 100 rxn	from 18,500
GLT-GC04-175-176	Herculase (Nuclease)	5000 U · 25000 U	from 5,569
GLT-GC04-177	DpnI	100 U	6,452
GLT-GC04-178-180	Rnase H	25 U · 100 U · 250 U	from 12,000
GLT-GC04-203-204	Site Directed Mutagenesis Kit	10 rxn · 20 rxn	from 15,960

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GLT-FLY-GC04-09

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