

GC03 PROTEIN BIOLOGY

# Protein Extraction & Lysis

Illustrative image

*Lysis buffers, extraction kits and protease inhibitors.*

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

5

PRODUCTS

15

PACK  
OPTIONS

₹4,213

PRICE FROM

TYPICAL RESEARCH USE

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO.   | PRODUCT                                          | PACK SIZES                        | PRICE (₹)  |
|------------------|--------------------------------------------------|-----------------------------------|------------|
| GLT-GC03-001-003 | GLyse® RIPA Buffer                               | 50 ml · 250 ml · 500 ml           | from 4,213 |
| GLT-GC03-016-018 | GLyse® CC (Protein Extraction From Culture Cell) | 50 ml · 250 ml · 500 ml           | from 7,387 |
| GLT-GC03-019-021 | GLyse® AT (Animal Tissue Lysis Buffer)           | 50 ml · 250 ml · 500 ml           | from 7,490 |
| GLT-GC03-022-024 | GLyse® PT (Plant Tissue Lysis Buffer)            | 50 ml · 250 ml · 500 ml           | from 7,490 |
| GLT-GC03-033-035 | 2X Lysis/equilibration buffer                    | 100 ml X2 · 250 ml X2 · 500 ml X2 | from 9,809 |

Full specifications and every pack size: Product Catalogue 2026-27, pages **28-31**.

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Product Catalogue 2026-27 · Edition 2.0 ·

GLT-FLY-GC03-01

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GC03 PROTEIN BIOLOGY

# Protein Electrophoresis & Blotting

Illustrative image

Buffers, gels and reagents for SDS-PAGE and western blotting.

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

**15**  
PRODUCTS

**21**  
PACK  
OPTIONS

**₹2,000**  
PRICE FROM

TYPICAL RESEARCH USE

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO.   | PRODUCT                                                               | PACK SIZES              | PRICE (₹)   |
|------------------|-----------------------------------------------------------------------|-------------------------|-------------|
| GLT-GC03-060-061 | 2X SDS PAGE sample loading buffer                                     | 1 ml · 1 ml X 5         | from 2,622  |
| GLT-GC03-062     | 2X Native PAGE sample loading buffer (with Reducing agent)            | 1 ml                    | 2,622       |
| GLT-GC03-063     | 2X Native PAGE sample loading buffer (without Reducing agent)         | 1 ml                    | 2,622       |
| GLT-GC03-066-067 | 30% Acrylamide:bis-acrylamide solution(29:1)                          | 100 ml · 250 ml         | from 3,230  |
| GLT-GC03-068-069 | 40% Acrylamide:bis-acrylamide solution(19:1)                          | 100 ml · 250 ml         | from 4,350  |
| GLT-GC03-078     | TRIS TRICINE SDS Sample Buffer (2X)                                   | 1 ml x 5                | 8,322       |
| GLT-GC03-084     | 10X Tris-Glycine-SDS PAGE Running buffer                              | 1 L                     | 4,259       |
| GLT-GC03-085     | 10X Tris-Glycine Native PAGE Running buffer                           | 1 L                     | 4,259       |
| GLT-GC03-086     | Ready to use Tris-Glycine-SDS PAGE Running buffer                     | 1 L X 5                 | 5,440       |
| GLT-GC03-089     | Gel Drying Kit                                                        | 50 Sheet                | 2,800       |
| GLT-GC03-090     | Gel Drying Film                                                       | 50 Sheet                | 2,000       |
| GLT-GC03-096     | Western Blot Stripping Buffer                                         | 500 ml                  | 7,148       |
| GLT-GC03-105-107 | LumiFly® ECL Western Blotting Substrate                               | 50 ml · 100 ml · 250 ml | from 5,185  |
| GLT-GC03-108-109 | LumiFly® Prime ECL Western Blotting Substrate                         | 100 ml · 250 ml         | from 14,701 |
| GLT-GC03-112     | SARP Stain Plus Protein Gel Staining Kit, (100 Small gels equivalent) | 500 ml X 3              | 12,802      |

Full specifications and every pack size: Product Catalogue 2026-27, pages **28-31**.

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GLT-FLY-GC03-02

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GC03 PROTEIN BIOLOGY

# Protein Staining & Detection

Illustrative image

*Gel stains and blot detection reagents.*

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

4

PRODUCTS

4

PACK  
OPTIONS

₹5,187

PRICE FROM

TYPICAL RESEARCH USE

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO. | PRODUCT                                                       | PACK SIZES | PRICE (₹) |
|----------------|---------------------------------------------------------------|------------|-----------|
| GLT-GC03-101   | BCIP/NBT Color Development (Substrate 50 ml)                  | 50 ml      | 8,093     |
| GLT-GC03-111   | SARP Stain Protein Dye, 250 Small gels equivalent             | 150 ml     | 19,297    |
| GLT-GC03-115   | Ponceau S, ready to use protein on membrane staining solution | 500 ml     | 5,187     |
| GLT-GC03-118   | SARP Stain Protein Dye, 100 Small gels equivalent             | 60 ml      | 10,226    |

Full specifications and every pack size: Product Catalogue 2026-27, pages **28-31**.

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GLT-FLY-GC03-03

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GC03 PROTEIN BIOLOGY

# Protein Purification & Protein Assays & Standards

Illustrative image

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

**11**  
PRODUCTS

**21**  
PACK  
OPTIONS

**₹4,300**  
PRICE FROM

TYPICAL RESEARCH USE

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO.                        | PRODUCT                                                         | PACK SIZES                     | PRICE (₹)          |
|---------------------------------------|-----------------------------------------------------------------|--------------------------------|--------------------|
| <b>Protein Purification</b>           |                                                                 |                                |                    |
| GLT-GC03-025-028                      | G-Bond Ni-NTA Agarose Bead                                      | 10 ml · 25 ml · 50 ml · 100 ml | <b>from 10,119</b> |
| GLT-GC03-029-032                      | G-Bind Ni-IDA Agarose Bead                                      | 10 ml · 25 ml · 50 ml · 100 ml | <b>from 9,321</b>  |
| GLT-GC03-036-037                      | GL-His Protein Purification-Wash Buffer                         | 500 ml · 1000 ml               | <b>from 7,809</b>  |
| GLT-GC03-038-039                      | GL-His Protein Purification-Elution Buffer                      | 50 ml · 250 ml                 | <b>from 4,936</b>  |
| GLT-GC03-040-041                      | G-Pure protein purification kit (Ni-IDA Based)                  | 20 Prep · 5 Prep               | <b>from 15,390</b> |
| GLT-GC03-042-043                      | GPure protein purification kit (Ni-NTA based)                   | 5 Prep · 20 Prep               | <b>from 16,302</b> |
| GLT-GC03-044                          | 6 ml Empty Affinity Chromatography Columns with Caps and frits  | each                           | <b>14,193</b>      |
| GLT-GC03-045                          | 12 ml Empty Affinity Chromatography Columns with Caps and frits | 5 pcs                          | <b>18,913</b>      |
| GLT-GC03-046                          | 30 ml Empty Affinity Chromatography Columns with Caps and frits | 2 pcs                          | <b>6,783</b>       |
| GLT-GC03-047                          | Gravity Flow Columns 3 ml/6 ml, Long-Form                       | 5 pcs                          | <b>25,057</b>      |
| <b>Protein Assays &amp; Standards</b> |                                                                 |                                |                    |
| GLT-GC03-110                          | Protein Prestain Marker (8-270 kDa) Multi Colour                | 250 ul                         | <b>4,300</b>       |

Full specifications and every pack size: Product Catalogue 2026-27, pages **28-31**.

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GLT-FLY-GC03-04

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GC03 PROTEIN BIOLOGY

# Other Protein Biology Products

Illustrative image

Further protein biology reagents. (Part 1 of 3)

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

**13**  
PRODUCTS

**23**  
PACK  
OPTIONS

**₹2,394**  
PRICE FROM

**TYPICAL RESEARCH USE**

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO.   | PRODUCT                                                  | PACK SIZES              | PRICE (₹)         |
|------------------|----------------------------------------------------------|-------------------------|-------------------|
| GLT-GC03-004-006 | GLyse® Ripa Phoslock Buffer                              | 50 ml · 250 ml · 500 ml | <b>from 8,744</b> |
| GLT-GC03-007-009 | GLyse® B (Bacterial lysis Buffer)                        | 50 ml · 250 ml · 500 ml | <b>from 7,102</b> |
| GLT-GC03-010-012 | GLyse® M (Mammalian cell lysis Buffer)                   | 50 ml · 250 ml · 500 ml | <b>from 7,490</b> |
| GLT-GC03-013-015 | GLyse® PL (Plant Leaf lysis Buffer)                      | 50 ml · 250 ml · 500 ml | <b>from 7,490</b> |
| GLT-GC03-048     | GLyse® IB Solubilization reagents                        | 2 X 25 ml               | <b>8,579</b>      |
| GLT-GC03-049     | Lysozyme Amorphous                                       | 1 gm                    | <b>5,599</b>      |
| GLT-GC03-050     | Lysozyme (10mg/ ml) in 10mM Tris- HCl, pH 8.0 (MB grade) | 1 ml                    | <b>3,706</b>      |
| GLT-GC03-051     | GLPure protein precipitation kit                         | 50 Prep                 | <b>9,986</b>      |
| GLT-GC03-052-053 | X-Gal solution, 20mg/ ml, Ready to use                   | 1 ml · 1 ml X 5         | <b>from 2,394</b> |
| GLT-GC03-054-055 | 100mM IPTG solution, Ready to use                        | 1 ml · 1 ml X 5         | <b>from 5,928</b> |
| GLT-GC03-056     | IPTG, Dioxane-Free, Inducer                              | 5 gm                    | <b>10,519</b>     |
| GLT-GC03-057     | 5M NaCl                                                  | 100 ml                  | <b>3,762</b>      |
| GLT-GC03-058     | 2D CleanUp Kit                                           | 50 Prep                 | <b>16,598</b>     |

Full specifications and every pack size: Product Catalogue 2026-27, pages **28-31**.

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GLT-FLY-GC03-05

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GC03 PROTEIN BIOLOGY

# Other Protein Biology Products

Illustrative image

Further protein biology reagents. (Part 2 of 3)

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

**14**  
PRODUCTS

**18**  
PACK  
OPTIONS

**₹2,850**  
PRICE FROM

**TYPICAL RESEARCH USE**

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO.   | PRODUCT                                    | PACK SIZES      | PRICE (₹)  |
|------------------|--------------------------------------------|-----------------|------------|
| GLT-GC03-059     | 5M Imidazole                               | 100 ml          | 4,332      |
| GLT-GC03-064     | 10% SDS Solution                           | 100 ml          | 4,503      |
| GLT-GC03-065     | 20% SDS Solution                           | 100 ml          | 5,928      |
| GLT-GC03-070-071 | Beta-mercaptoethanol                       | 1 ml · 1 ml X 5 | from 9,405 |
| GLT-GC03-072     | 1M Tris.HCl (pH 6.8) for electrophoresis   | 100 ml          | 7,695      |
| GLT-GC03-073     | 1.5M Tris.HCl (pH 8.8) for electrophoresis | 250 ml          | 8,311      |
| GLT-GC03-074-075 | TRIS TRICINE SDS cathode Buffer (10X)      | 500 ml · 1 L    | from 9,690 |
| GLT-GC03-076-077 | TRIS TRICINE SDS anode Buffer (10X)        | 100 ml · 500 ml | from 2,850 |
| GLT-GC03-079     | TRIS TRICINE SDS casting Buffer (3X)       | 100 ml          | 4,218      |
| GLT-GC03-080-081 | Extrapure Water for electrophoresis        | 1 L · 1 L X 5   | from 4,309 |
| GLT-GC03-082     | Ammonium Per sulfate                       | 25 gm           | 4,110      |
| GLT-GC03-083     | TEMED, Mol Bio Grade                       | 20 ml           | 4,233      |
| GLT-GC03-087     | 10X PBS (pH7.2)                            | 1 L             | 8,117      |
| GLT-GC03-088     | 1X PBS (pH7.2)                             | 5 L             | 13,817     |

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GLT-FLY-GC03-06

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GC03 PROTEIN BIOLOGY

# Other Protein Biology Products

Illustrative image

Further protein biology reagents. (Part 3 of 3)

GLSure® protein biology reagents — electrophoresis buffers, stains, sample buffers and protein extraction products.

**12**  
PRODUCTS

**14**  
PACK  
OPTIONS

**₹1,197**  
PRICE FROM

**TYPICAL RESEARCH USE**

SDS-PAGE and native PAGE

Protein staining and visualisation

Protein extraction and sample preparation

| GRACE CAT. NO.   | PRODUCT                                                                 | PACK SIZES      | PRICE (₹)         |
|------------------|-------------------------------------------------------------------------|-----------------|-------------------|
| GLT-GC03-091     | 1X TBS buffer for western, Hi-pure                                      | 5 L             | <b>13,817</b>     |
| GLT-GC03-092     | 10X TBS buffer for western, Hi-pure                                     | 1 L             | <b>8,117</b>      |
| GLT-GC03-093     | 10X TBST buffer for western, Hi-pure                                    | 1 L             | <b>8,117</b>      |
| GLT-GC03-094     | 10X PBS buffer for western, Hi-pure                                     | 1 L             | <b>8,117</b>      |
| GLT-GC03-095     | 10X PBST buffer for western, Hi-pure                                    | 1 L             | <b>8,128</b>      |
| GLT-GC03-097-098 | Phosphate Citrate Buffer                                                | 100 ml · 500 ml | <b>from 1,197</b> |
| GLT-GC03-099-100 | Phosphate Citrate Buffer with HO 2 2                                    | 100 ml · 500 ml | <b>from 2,360</b> |
| GLT-GC03-102     | BCIP/NBT Color Development (Ready to use)                               | 50 ml           | <b>7,163</b>      |
| GLT-GC03-103     | TMB/ HO Chromogen - 2 2 ic substrate solution                           | 50 ml           | <b>7,842</b>      |
| GLT-GC03-104     | Fat free dry milk                                                       | 100 gm          | <b>3,933</b>      |
| GLT-GC03-113     | G-SNAP in-gel protein visualization reagent (100 small gels equivalent) | 25 ml           | <b>11,115</b>     |
| GLT-GC03-114     | G-SNAP in-gel protein visualization reagent (200 small gels equivalent) | 50 ml           | <b>16,291</b>     |

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GLT-FLY-GC03-07

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