

**Streamline Your
Proteomics Workflow
with 1st BASE**

**From Start to Finish,
We've Got You Covered!**

NEW

RIPA Buffer

1st BASE RIPA Buffer is a ready-to-use solution designed for efficient cell lysis and protein extraction from mammalian cells and tissues. It provides quick and effective solubilisation of proteins, while preserving protein integrity and minimising interference with antigen-antibody interactions, making it ideal for a variety of downstream applications.



● Application

The RIPA Buffer is used for lysing cells and extracting proteins from mammalian cells or soft tissue, enabling efficient cell lysis and protein extraction while minimising effects on antigen-antibody interactions.

● Composition

Ready-to-use format containing 50 mM Tris pH 7.6, 150 mM NaCl, 1% NP-40, 0.5% sodium deoxycholate, 0.1% SDS

● Downstream Applications

SDS-PAGE, Western Blotting

Product Name	Product No.	Size
1X RIPA Buffer, Biotechnology Grade	BIO-5210-1X100ml	100ml

NEW

Acrylamide/Bis-acrylamide

The preparation of SDS-PAGE gels is a foundational technique used to separate proteins based on their molecular weight. A critical component of this process is the use of acrylamide and bis-acrylamide, which polymerise to form the gel matrix. Specifically, the **1st BASE Acrylamide/Bis-acrylamide solution** is a widely used reagent for this purpose. This pre-mixed solution offers a convenient and reliable means to achieve the desired gel concentration and cross-linking density, ensuring consistent results in protein separation and analysis.

- Ready-to-use
- Precise composition with lot-to-lot consistency



Product Name	Product No.	Size
Acrylamide/Bis-acrylamide Solution, 30%, (37.5:1)	BUF-5230-500ml	500ml
Acrylamide/Bis-acrylamide Solution, 30%, (29:1)	BUF-5231-500ml	500ml
Acrylamide/Bis-acrylamide Solution, 40%, (37.5:1)	BUF-5235-500ml	500ml
Acrylamide/Bis-acrylamide Solution, 40%, (29:1)	BUF-5236-500ml	500ml

Buffers & Components

Designed for optimal performance in protein extraction, purification, and analysis.

Sample Buffers

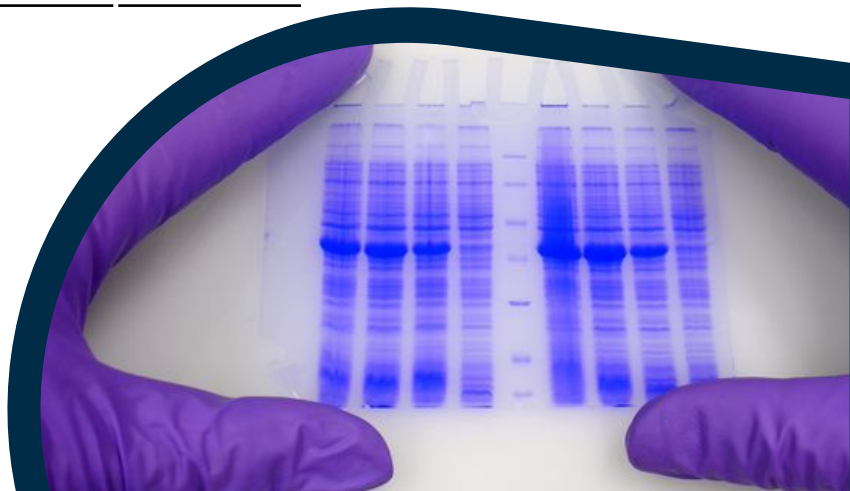
Product Name	Product No.	Pack Size
NEW 2X Laemmli Sample Buffer, pH 6.8	BUF-5240	25ml

Running Buffers

Product Name	Product No.	Pack Size
10X Tris Glycine (TG) Buffer	BUF-2020	1L/4L
10X Tris Glycine-Sodium Dodecyl Sulfate (TG-SDS) Buffer	BUF-2030	1L/4L
10X Tris Tricine-Sodium Dodecyl Sulfate (TT-SDS) Buffer	BUF-2010	1L

Other Buffers and Components

Product Name	Product No.	pH	Pack Size
0.5M Tris Buffer	BUF-1414	6.8/7.0/8.0/8.8	500ml / 1L
1.0M Tris Buffer	BUF-1415	6.8/7.0/7.4/7.5/8.0/8.8	500ml / 1L
1.5M Tris Buffer	BUF-1419	6.8/7.0/8.0/8.8	1L
1X Phosphate Buffered Saline (PBS)	BUF-2040	-	500ml / 1L
10X Phosphate Buffered Saline (PBS)	BUF-2040	-	500ml / 1L / 4L
10% (w/v) Sodium Dodecyl Sulfate (SDS) Solution	BUF-2051	-	500ml / 1L
Glycerol	BUF-1120	-	500ml / 1L
EDTA, Disodium Salt, Dihydrate	BIO-1050	-	100g / 500g / 1kg
Tris	BIO-1400 BIO-1401	-	500g / 1kg / 5kg
Sodium Dodecyl Sulfate (SDS)	BIO-2050	-	100g / 500g
Urea	BIO-2070	-	500g / 1kg / 5kg
Glycine	BIO-2085	-	500g / 1kg / 5kg



ExactPro Prestained Protein Ladders

1st BASE comprehensive range of protein ladders includes Prestained Protein Ladders in both **Broad Range (3.5kDa – 245kDa)** and **Regular Range (9kDa – 180kDa)**, as well as **Western Markers (15 kDa to 200 kDa)**. Designed to meet the diverse needs of protein research and analysis, these ladders offer unparalleled accuracy and convenience.

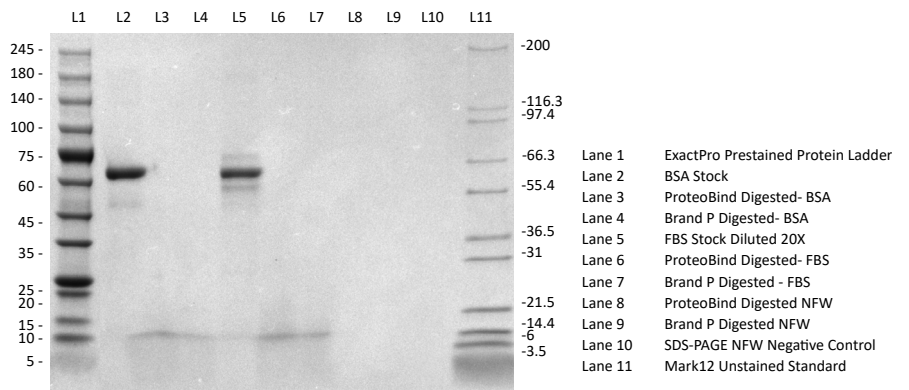
Product	ExactPro Prestained Protein Ladder, Broad Range	ExactPro Prestained Protein Ladder, Regular Range	ExactPro Western Markers
Range	3.5kDa – 245kDa	9kDa – 180kDa	15 kDa – 200 kDa (western bands) 10 kDa – 70 kDa (pre-stained bands)
No. of Bands	13	10	10 (Film) 4 (Membrane)
Colour	Tri-colour	One colour	Tri-colour
Stained Type	Blue, Red, Green	Blue	Blue, Pink, Green
Applications	SDS-PAGE, Western blots	SDS-PAGE, Western blots	SDS-PAGE, Western blots
Storage	-20°C	25°C (2 weeks), 4°C (3 months) -20°C (long term storage)	4°C(3 months), -20°C (24 months)
Pack Size	1 x 250ul 1 x 500ul	2 x 250ul	1 x 250ul
Product No.	BIO-5150-250ul BIO-5150-500ul	BIO-5151-500ul	BIO-5155-250ul

ProteoBind On-Column Proteolytic Digestion Kit

Simplify Digestion Protocol of Proteins for LC-MS/Proteomics

Partnered with A*STAR BTI

NEW ● Consistency ● Efficiency ● Versatility ● Rapid Results ● Convenience



Product Name	Product No.	Reactions
ProteoBind On-column Proteolytic Digestion Kit	BIO-5300	10
		50

The successful digestion of BSA and FBS by both **ProteoBind On-column Proteolytic Digestion Kit** and **Brand P** methods was indicated by the absence of the 66kDa target protein in the digested samples and the presence of 10kDa peptides.

Find more product details at base-asia.com/mass-spec-sample-preparation

SINGAPORE ☎ +65-67757318

✉ custcare@axilscientific.com

🌐 www.axilscientific.com

MALAYSIA ☎ +603-89433252

✉ custcare@apicalscientific.com

🌐 www.apicalscientific.com

To contact your local distributors,

visit base-asia.com/contact/#global

