

# WHAT'S NEW!

PCR

## Exceptional Fidelity Combined with a Universal Annealing Temperature

### Platinum™ SuperFi II DNA Polymerase

- Exceptional >300X Taq fidelity
- **Universal primer annealing at 60°C**
- Robust amplification of difficult-to-amplify targets



Find out more at [thermofisher.com/platinumsuperfi](https://thermofisher.com/platinumsuperfi)

SDS-PAGE

## Visualization of Proteins in Gels within 10 Minutes

### No-Stain™ Protein Labeling Reagent

- Lower limit of detection of **20 ng per band**
- **Compatible with any gel type** (precast or pour-your-own gel) using any commonly available imagers
- **Accurate normalization** over a wide range of protein lysate concentrations (1–80 µg)



Find out more at [thermofisher.com/no-stain](https://thermofisher.com/no-stain)

Western Blot

## Ultra-Sensitive Protein Detection at High-Attogram Level

### SuperSignal™ West Atto Ultimate Sensitivity Chemiluminescent Substrate

- High sensitivity detection of proteins from low-femtogram to high-attogram
- High stability - 48 hours for working solution; one year for kit at 4°C
- Signal duration: up to six hours



Find out more at [thermofisher.com/supersignal](https://thermofisher.com/supersignal)



#### Need help with your Western Blots?

Optimize your protocol with our **BlotBuilder** tool now!

#### Which polymerase fits you best?

Find out using our **Polymerase Selection Guide!**



### Reverse Transcription

Product Name	Size	Cat. No.
SuperScript™ IV CellsDirect™ cDNA Synthesis Kit	50 reactions	11750150 <b>NEW</b>
SuperScript™ IV First-Strand Synthesis System	500 reactions	11750350
SuperScript™ IV First-Strand Synthesis System	200 reactions	18091050
SuperScript™ IV One-Step RT-PCR System	25 reactions	12594025
SuperScript™ IV One-Step RT-PCR System	100 reactions	12594100
SuperScript™ IV One-Step RT-PCR System with ezDNase™	25 reactions	12595025
SuperScript™ IV One-Step RT-PCR System with ezDNase™	100 reactions	12595100
SuperScript™ IV Reverse Transcriptase	2,000 units	18090010
SuperScript™ IV VILO™ Master Mix	50 reactions	11756050
SuperScript™ IV VILO™ Master Mix	500 reactions	11756500

### Hi-Fidelity DNA Polymerase

Product Name	Size	Cat. No.
Platinum™ SuperFi II DNA Polymerase	100 Reactions	12361010 <b>NEW</b>
Platinum™ SuperFi II DNA Polymerase	500 Reactions	12361050 <b>NEW</b>
Platinum™ SuperFi II Master Mix	100 Reactions	12368010 <b>NEW</b>
Platinum™ SuperFi II Master Mix	500 Reactions	12368050 <b>NEW</b>

### TOPO Cloning Kit/ System

Product Name	Size	Cat. No.
Bac-to-Bac™ C-His TOPO™ Expression System	20 reactions	A11100
Bac-to-Bac™ HBM TOPO™ Secreted Expression System	20 reactions	A11339
Bac-to-Bac™ N-His TOPO™ Expression System	20 reactions	A11101
Champion™ pET100 Directional TOPO™ Expression Kit with BL21 Star™ (DE3) One Shot™ Chemically Competent E. coli	20 reactions	K10001
pBlue TOPO™ TA Expression Kit	20 reactions	K483101
pcDNA™3.1/V5-His TOPO™ TA Expression Kit	40 reactions	K480040

\*More TOPO cloning kits available on [thermofisher.com/save30](https://thermofisher.com/save30)

### Competent Cells - Cloning / Expression

Product Name	Size	Cat. No.
MAX Efficiency™ Sbt12™ Competent Cells	5 x 200 µL	10268019
MAX Efficiency™ DH5α™ Competent Cells	10 reactions	18258012
One Shot™ BL21(DE3) Chemically Competent E. coli	20 x 50 µL	C600003

\*More cells types & formats available on [thermofisher.com/save30](https://thermofisher.com/save30)

### DNA/RNA Purification

Product Name	Size	Cat. No.
iPrep™ PureLink™ Total RNA Kit	1 kit	IS10006
PureLink™ 96 HQ Plasmid DNA Purification Kit	4 x 96 preps	K210096
PureLink™ Expi Endotoxin-Free Maxi Plasmid Purification Kit	10 preps	A31217
PureLink™ Genomic DNA Mini Kit	50 preps	K182001
PureLink™ HiPure Plasmid Miniprep Kit	25 preps	K210002
PureLink™ HQ Mini Plasmid DNA Purification Kit	100 preps	K210001
PureLink™ miRNA Isolation Kit	25 preps	K157001
PureLink™ PCR Micro Kit	50 preps	K310050
PureLink™ PCR Purification Kit	50 preps	K310001
PureLink™ Quick Gel Extraction Kit	50 preps	K210012
PureLink™ Quick Plasmid Miniprep Kit	50 preps	K210010
PureLink™ RNA Mini Kit	50 preps	12183018A

### Cell Lysis Reagents

Product Name	Size	Cat. No.
B-PER™ Complete Bacterial Protein Extraction Reagent	500 mL	89822
Pierce™ IP Lysis Buffer	250 mL	87788
RIPA Lysis and Extraction Buffer	250 mL	89901
Subcellular Protein Fractionation Kit for Cultured Cells	35 mL	78840

### Pro-Detect Rapid Assay Kit

Product Name	Size	Cat. No.
Pro-Detect™ Rapid GST Assay Kit	10 assays	A38502
Pro-Detect™ Rapid MBP Assay Kit	10 assays	A38503
Pro-Detect™ Rapid SUMO Assay Kit	10 assays	A38501
Pro-Detect™ Rapid AVI Competitive Assay Kit	10 assays	A38511
Pro-Detect™ Rapid HA Competitive Assay Kit	10 assays	A38509
Pro-Detect™ Rapid Human Fc Assay Kit	10 assays	A38504
Pro-Detect™ Rapid Mouse Fc Assay Kit	10 assays	A38506
Pro-Detect™ Rapid Myc Competitive Assay Kit	10 assays	A38512
Pro-Detect™ Rapid Rabbit Fc Assay Kit	10 assays	A38505
Pro-Detect™ Rapid Streptag II Competitive Assay Kit	10 assays	A38510
Pro-Detect™ Rapid V5 Competitive Assay Kit	10 assays	A38513

### Protein Ladders

Product Name	Size	Cat. No.
PageRuler™ Prestained Protein Ladder, 10 to 180 kDa	2 x 250 µL	26616
PageRuler™ Plus Prestained Protein Ladder, 10 to 250 kDa	2 x 250 µL	26619
PageRuler™ Prestained NIR Protein Ladder	2 x 250 µL	26635

### Pre-Cast Protein Gels

Product Name	Size	Cat. No.
Bolt™ Bis-Tris Plus Gels		
Novex™ Tricine Protein Gels		
Novex™ Tris-Glycine Mini Gels, WedgeWell™ format		
Novex™ Tris-Glycine Plus Midi Gels, 12+2-well		
Novex™ Zymogram Plus (Gelatin) Protein Gels		
NuPAGE™ Bis-Tris Midi Protein Gels, 12+2-well		
NuPAGE™ Bis-Tris Protein Gels		
NuPAGE™ Tris-Acetate Midi Protein Gels, 12+2-well		
NuPAGE™ Tris-Acetate Protein Gels		

\*Full list of gel types & well formats on [thermofisher.com/save30](https://thermofisher.com/save30)

### Protein Visualisation

Product Name	Size	Cat. No.
No-Stain™ Protein Labeling Reagent	40 reactions	A44449 <b>NEW</b>
NuPAGE™ Large Protein Staining Kit	1 kit	LP0002

### Chemiluminescent Substrates

Product Name	Size	Cat. No.
SuperSignal™ West Atto Ultimate Sensitivity Substrate	20 mL	A38554 <b>NEW</b>
SuperSignal™ West Atto Ultimate Sensitivity Substrate	100 mL	A38555 <b>NEW</b>

### Endotoxin Detection & Removal

Product Name	Size	Cat. No.
Pierce™ Chromogenic Endotoxin Quant Kit	30 reactions	A39552S
Pierce™ High Capacity Endotoxin Removal Resin	100 mL	88271
Pierce™ High Capacity Endotoxin Removal Spin Columns, 1 mL	5 columns	88276

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