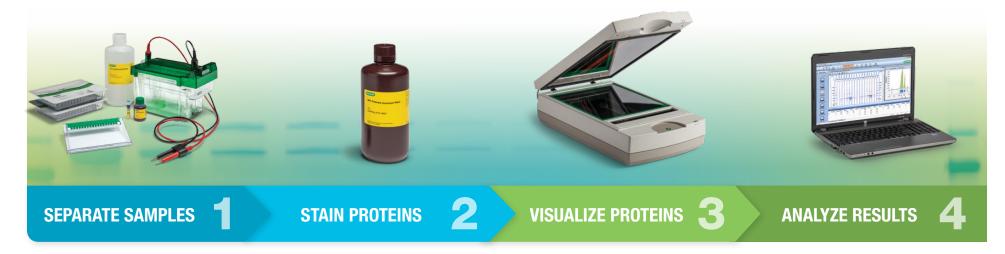
### Bio-Rad's Biologics Analysis Workflow™



### Faster separations using Criterion™ TGX™ gels

- Gels can be run in as little as 20 minutes
- Load up to 26 samples without decreasing resolution
- Accurate molecular weight estimation with Precision Plus Protein<sup>™</sup> standards

### Easier staining with QC colloidal Coomassie stain

- Capable of detecting nanogram levels of protein
- End-point stain ideal for qualitative analysis
- Ready-to-use environmentally friendly stain
- Stain in as little as one hour or as long as overnight

### More reproducible visualization using the GS-900™ calibrated densitometer

- Internal optical density tablet is scanned and used for calibration before each run
- Installation and operation qualification (IQ/OQ) kit confirms the accuracy of the internal target, guaranteeing accurate and reproducible results
- Wide dynamic range permits quantitation of proteins from 0–3.4 OD, ensuring the detection of both highly abundant and dilute proteins

## Effortless analysis with Image Lab™ software

- Analysis can be automated, saving time and ensuring consistency
- Settings can be tailored to match SOPs
- Tutorials guide users through the analysis process

#### Components

- Criterion TGX precast gels
- Criterion<sup>™</sup> cell
- Precision Plus Protein standards

#### Components

QC colloidal Coomassie stain

#### Components

- GS-900 calibrated densitometry system
- IQ/OQ kit

#### Components

- Image Lab software
- 21 CFR Part 11 module



#### **Ordering Information**

Criterion TGX Precast Gels*	12+2-Well*	18-Well	26-Well	Prep+2-Well	IPG+1-Well
Description	45 µl	30 µl	15 µl	800 µl	11 cm IPG Strip
7.5% Resolving Gel	567-1023	567-1024	567-1025	_	_
10% Resolving Gel	567-1033	567-1034	567-1035	_	_
12% Resolving Gel	567-1043	567-1044	567-1045	_	_
18% Resolving Gel	567-1073	567-1074	567-1075	567-1072	567-1071
4-15% Linear Gradient	567-1083	567-1084	567-1085	567-1082	567-1081
4-20% Linear Gradient	567-1093	567-1094	567-1095	567-1092	567-1091
8-16% Linear Gradient	567-1103	567-1104	567-1105	567-1102	567-1101
10-20% Linear Gradient	567-1113	567-1114	567-1115	567-1112	567-1111
Any kD™ Gel	567-1123	567-1124	567-1125	567-1122	567-1121

<sup>\*</sup> Criterion TGX gels are sold as single gels. \*\* Reference well accommodates 15 µl of markers/standards.

Protein	Stan	dards	
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lards
Precision Plus Protein™ All Blue Standards Value Pack, 2.5 ml, 250 applications
Precision Plus Protein All Blue Standards, 500 µl, 50 applications
Precision Plus Protein™ Unstained Standards Value Pack, 5 ml, 500 applications
Precision Plus Protein Unstained Standards, 1 ml, 100 applications
10x Tris/Glycine/SDS, 1 L
4x Laemmli Sample Buffer, 10 ml
2x Laemmli Sample Buffer, 30 ml
2-Mercaptoethanol, 25 ml
QC Colloidal Coomassie Stain, 1 L, ready-to-use, nonhazardous colloidal Coomassie G-250 stain for protein polyacrylamide gels

#### Criterion™ Cell and Systems

165-6001	Criterion Cell, vertical midi-format electrophoresis cell, includes buffer tank, lid with power cables
	3 sample loading guides (12+2-well, 18-well, 26-well)
165-6019	Criterion Cell and PowerPac™ Basic Power Supply, 100–120/220–240 V, includes 165-6001

### and 164-5050

Instrument	
170-7991	GS-900 Calibrated Densitometry System, PC-compatible calibrated densitometer, cables,
	Image Lab software, Biologics Analysis Workflow starter kit (Criterion cell, Criterion TGX precast
	gale Precision Plus Protain standards OC colloidal Coomassia stain huffers)

Regulatory	Packages
170-7993	GS-900 Regulatory Tools Package, GS-900 IQ/OQ kit, set of protocols for installation
	qualification/operation qualification and NIST-traceable external step tablet for the GS-900
	calibrated densitometer, and Image Lab Security Edition, 1 license, 21 CFR Part 11 module
170-9692	Image Lab Security Edition, 5 licenses, 21 CFR Part 11 module for Image Lab software, use with
	GS-900, Gel Doc™ EZ, Gel Doc™ XR+, ChemiDoc™ XRS+, and ChemiDoc™ MP imaging systems
170-9693	Image Lab Security Edition, 10 licenses, 21 CFR Part 11 module for Image Lab software, use
	with GS-900, Gel Doc EZ, Gel Doc XR+, ChemiDoc XRS+, and ChemiDoc MP imaging systems
170-7994	GS-900 Calibrated Densitometry IQ/OQ Kit, set of protocols for installation qualification/operation
	qualification and NIST-traceable external step tablet for the GS-900 calibrated densitometer
170-9691	Image Lab Security Edition, 1 license, 21 CFR Part 11 module for Image Lab software, use with
	GS-900, Gel Doc EZ, Gel Doc XR+, ChemiDoc XRS+, and ChemiDoc MP imaging systems



# Delivering increased









THROUGHPUT

**SENSITIVITY** 

REPRODUCIBILITY

**AUTOMATION** 

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