iD Stain*system*

FOR FAST COOMASSIE BLUE PROTEIN GEL STAINING

USER MANUAL

CE

ANASPEC EGT GROUP

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Products contents

Type of products

This manual is supplied with the following product:

Product	Cat. No.
iD Stain Gel Device	ID-STDEV1-001

iD Stain Gel Device Contents

The contents of the iD Stain Protein Staining Device are listed below:

Component	Quantity
iD Stain Gel Device	1
iD Stain Graphite Electrode (Installed inside the device)	1
Sponge Cushion (Installed inside the device)	2
Regional Specific Power Cord	1
Forceps	1
Shovel	1
Tray	1

Upon Receiving the Instrument

Examine the unit carefully for any damage incurred during transit. File any damage claims with the carrier. The warranty does not cover in-transit damage.

iD Stain Pads

The following iD Stain Protein Transfer Pads are available from Eurogentec:

Product	Cat. No.
iD Stain Pads (R-250, 20-pak)	ID-STPAR1-020
iD Stain Pads (G-250, 20-pak)	ID-STPAG1-020

If you order the iD Stain Pads, you will receive the components listed in the table below. Store the iD Stain Pads at room temperature. For best results, use the iD Stain Pads before the expiration date printed on the package.

The iD Stain Protein Transfer Pads contain with the following components:

Component	Quantity
The iD Stain Pads (R-250, 20-pak) contains:	
iD Stain Pad (R-250)	20
Absorbent Filter Paper	1
Sponge Cushion	2
Each pack of iD Stain Pad (R-250) contains:	
1×iD Stain Cathode Pad (R-250)	1
1×iD Stain Anode Pad	1
The iD Stain Pads (G-250, 20-pak) contains:	
iD Stain Pad (G-250)	20
Absorbent Filter Paper	1
Sponge Cushion	2
Each pack of iD Stain Pad (G-250) contains:	
1×iD Stain Cathode Pad (G-250)	1
1×iD Stain Anode Pad	1

iD Stain Graphite Electrode

The following iD Stain Graphite Electrode is available from Eurogentec:

Product	Cat. No.
iD Stain Graphite Electrode	ID-STETD1-001

For best results, after 100 uses of electric staining, replace the worn iD Stain Graphite Electrode with a new one.

Product Specifications

iD Stain Gel Device Specifications

Weight:	1.78 kg
Dimensions:	325 mm (l) × 195 mm (w) × 70 mm (h)
Electrical Parameters:	100-120 V, 220-240 V, 50/60 Hz, 3.2 A
Built-in Features:	Digital display, alarm, light LED
Compatibility:	Suitable for fast Coomassie blue staining of proteins in mini polyacrylamide gels
Materials:	Acrylonitrile butadiene styrene, Polycarbonate, Aluminum, Titanium, Plasticized silicone.
Operating Temperature:	Room temperature
Forceps:	Stainless steel
Shovel:	Polycarbonate
Tray:	Polycarbonate

Avoid acetone, dimethyl sulfoxide, and acetic acid. These reagents can erode or damage the device.

iD Stain Pads Specifications

The iD Stain Pads are used with the iD Stain Gel.

The specifications of the iD Stain Pads are listed below:

iD Stain Cathode Pad (R-250 or G-250)	
size:	90 mm (l) × 80 mm (w) × 2.5 mm (t)
Materials	Filter paper presoaked with proprietary cathode buffer containing CBB dye R-250 or G-250
iD Stain Anode Pad	
size:	90 mm (l) × 80 mm (w) × 2.5 mm (t)
Materials	Filter paper presoaked with proprietary anode buffer
Absorbent Filter Paper	
size:	80 mm (l) × 70 mm (w) × 2.6 mm (t)
Materials	Vegetable fiber
Sponge Cushion	
size:	104 mm (l) × 100 mm (w) × 5 mm (t)
Materials	Sponge

iD Stain Graphite Electrode Specifications

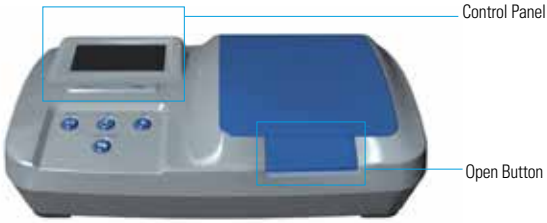
The iD Stain Electrodes used as the replaceable anode electrode of iD Stain Gel Device and available separately from Eurogentec. The specifications for iD Stain Graphite Electrode are listed below:

iD Stain Graphite Electrode	
Dimensions:	100 mm (l) × 92 mm (w) × 8.8 mm (t)
Weight:	206 g
Materials:	Powdered carbon, Clay, Stainless steel

iD Stain Gel Device

Front View of the iD Stain Gel Device

The front-top view showing various parts of the iD Stain Gel Device is shown below.



Rear View of the iD Stain Device

The rear view showing various parts of the iD Stain Gel Device is shown below.

Control Panel of the iD Stain Device

The control panel of the iD Stain Gel Device is described below.
The Digital Display shows two rows of multi-digits that specify the electric staining conditions as follows:
The upper three digits after text <**PN**> indicate number of usage of the iD Stain.
The lower four digits specify the time of electric staining in minute and second.
The two status lights show the working modes of the iD Stain Gel Device. When the right status light is on, the device is switched on and working at staining mode; when both left and right status lights are on, the device is working at numbering mode.

The Reset button is used to clear parameters.
The **Min.** button is used to shift between staining and numbering mode, and to set running time. Each short press will increase one minute. Each long press (2 seconds) will toggle working mode from staining to numbering or vice versa.
The **Sec.** button is also used to set running time, each press will increase 5 seconds.
The **Start/Stop** button is used to activate/stop the staining program.

Top View of the Open iD Stain Device

The top view of openned iD Stain Gel Device identifying various parts is shown below.

Introduction

System Overviews

The iD Stain System allows you to quickly, reliably and efficiently stain proteins in various types of mini polyacrylamide gels with Coomassie blue dye. It consists of the iD Stain Gel Device and the iD Stain Pads.The proprietary electric staining technology of the iD Stain Gel Device combined with the iD Stain Protein Staining Pads applies a voltage generated between graphite anode and titanium cathode to allow for quick and directional movement of negatively charged Coomassie blue dye into the gel matrix to stain the proteins and also the homogeneous movement of the unbound staining reagents out of the gel matrix to destain the gel matrix within only 8 minutes or less. The iD Stain System integrates three steps of conventional Coomassie blue staining method into a single one and greatly cuts down the time required for protein staining analysis. The iD Stain System is able to deliver high detection sensitivity down to several ng per protein band, which is comparable to the sensitivity of traditional method despite of their different working principles.

System Components

The iD Stain 2.0 System consists of:

- iD Stain Gel Device

The iD Stain Gel Device is a user-friendly electric staining unit that allows for fast, convenient and efficient in-gel protein staining with Coomassie blue dye reagents.

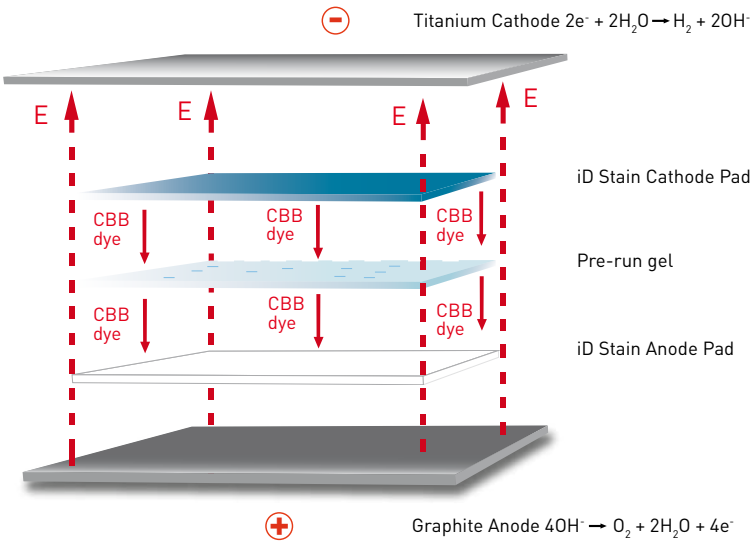
- iD Stain Pads

The disposable iD Stain Pads are used to perform electric staining of proteins in gels with Coomassie blue dye. Two types of iD Stain Pads, R-250 and G-250, are available separately from Eurogentec and for different requirements. Each pack of iD Stain Pad contains an iD Stain Cathode Pad presoaked with a proprietary cathode buffer containing CBB dye R-250 or G-250, and an iD Stain Anode Pad presoaked with a proprietary anode buffer, allowing for rapid, convenient and reliable in-gel protein staining without the need to prepare additional buffers.

System Mechanism

To use the iD Stain System for protein gel staining, assemble the iD Stain Pad with your pre-run gel on the iD Stain Gel Device. Similar to semi-dry blotting, the iD Stain Cathode Pad and iD Stain Anode Pad act as ion reservoirs with proprietary anode and cathode buffers. iD Stain Cathode Pad, presoaked with cathode buffer containing CBB dye R-250 or G250, supplies negatively charged staining reagents. The voltage generated between graphite anode and titanium cathode allows for rapid and directional movement of negatively charged Coomassie blue dye into the gel matrix to stain proteins as well as for the homogeneous movement of the unbound staining reagents out of the gel matrix to destain the gel within only 8 minutes or less. Therefore the iD Stain Gel System provides fast, convenient and reliable in-gel protein staining without the need to prepare additional buffers.

Schematic mechanism of iD Stain System showing the movement of Coomassie blue dye:



System Features

- Innovative electric staining technology for fast, reliable and efficient protein gel staining in 8 minutes or less.
- User-friendly electric staining unit
- No need of additional buffers.
- High staining efficiency as conventional Coomassie blue staining method.
- Compatible with various types of mini polyacrylamide gels.

Quick Reference Guide

Mode	Action	Sound	Light	Display
Sponge cushion and graphite electrode installed inside the iD Stain Gel Device	Insert the sponge cushion and graphite electrode in the anode tank	-	-	-
iD Stain Gel Device is plugged in	Connect the iD Stain Gel Device to an electrical outlet and power switch is on	-	Steady right light	Default running time (00:00)
iD Stain Gel Device and staining stack assembled	Place the staining stack on the device and close lid	-	Steady right light	Default running time (00:00)
Time selection	Press Min. and Sec. button to select desired running time	-	Steady right light	Running time defined
Run	Press Start/Stop button	-	flashing right light	Count down time
End of run	Automatic	Continuous beeping for 2 minutes	Steady right light	Default running time (00:00)
Checking number of usage of graphite anode	Press and hold Min. button for 2 seconds	-	Steady left and right lights	Number of usage of the graphite electrode
Replacement of worn graphite anode	Switch off the device and replace the worn graphite anode with a new one	-	-	-

Protocols

Recommendations

▷ 1. Wear gloves at all times during the entire staining procedures to prevent contamination of pads and gels.
▷ 2. Avoid using expired iD Stain Pads. Always use the pads before the specified expiration date printed on the package.

Installing the ID Stain Device

▷ 1.Check the Power Cord supplied with the unit to ensure that the cord is compatible with local socket format.
▷ 2. Place the iD Stain Gel Device on a leveled laboratory bench. Keep the area around the device clear to ensure proper ventilation of the unit.
▷ 3. For your safety: Place the device properly such that the power switch and the AC inlet located on the rear of the unit are easily accessible.
▷ 4. Ensure that the AC power switch is in the Off position.
▷ 5. Open the closed lid of the iD Stain Gel Device by pressing the Open button. Place one or two pieces of Sponge Cushion in the anode tank depending on gel thickness. For 1.5 mm gel, use one piece of Sponge Cushion; for 0.75 and 1.0 mm gel, use two pieces of Sponge Cushion. ▷ 5

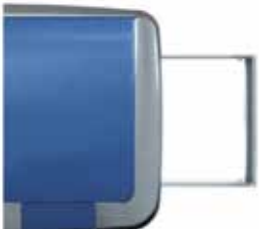
▷ 5 Note: After 20 times of electric staining, replace the used Sponge Cushions with new ones.
A pair of new Sponge Cushions are included in each box of iD Stain Pads.

▷ 6 Note: For a new iD Stain Gel Staining Device, two pieces of Sponge Cushion and one unit of iD Stain Graphite Electrode have already been installed inside the unit for immediate use. If staining 1.5 mm gel, remove 1 piece of Sponge Cushion.

▷ 7 Note: After 20 times of electric staining, replace the used Absorbent Filter Paper with a new one. One piece of new Absorbent Filter Paper is included in each box of iD Stain Protein Staining Pads.

▷ 6. Insert the iD Stain Graphite Electrode into the anode tank as described in Section "Replacing the iD Stain Graphite Electrode", then close the lid of the device. ▷ 6

▷ 7. Pull out the waste tray from the right side of the device. Place a new Absorbent Filter Paper inside the tray and then push the tray back in. ▷ 7



▷ 8. Attach the power cord to the AC inlet, then, to the electrical outlet. Use only properly grounded AC outlets and power cords.

▷ 9. When the electrophoresis of your samples is almost completed, press the power switch (located on the rear of the device) to turn ON the iD Stain Device. The right status light is on indicating staining mode. The lower four digits of the digital display show the default running time (00:00).

You are ready to use the iD Stain 2.0 Protein Staining Device for staining applications.

Assembling the Staining Stack with iD Stain Pads and Pre-run Gel

▷ 1. Open the closed lid by pressing the Open button.

▷ 2. Remove one package labeled as iD Stain Pad from the iD Stain Pads box and tear the laminated sealing of the package. Remove the two small packages labeled 1× iD Stain Cathode Pad R-250 (or G-250), and 1× iD Stain Anode Pad, respectively.

▷ 3. Tear the sealing of the 1× iD Stain Anode Pad package. Remove the iD Stain Anode Pad from the package and place it on the anode plate of the iD Stain Gel Device.

▷ 4. Carefully remove the pre-run gel containing your protein samples from the gel cassette and briefly rinse the gel with distilled water.

▷ 5. Place the gel on the iD Stain Anode Pad. Gently remove air bubbles between gel and anode pad using the small shovel supplied with the device.

▷ 6. Tear the sealing of the 1× iD Stain Cathode Pad package. Remove the iD Stain Cathode Pad from the package and place it on top of the gel.

▷ 7. Press the Open button, then push back and close the lid of iD Stain Gel Device.

Performing Electric Stainingg

After assembling the staining stack, perform electric staining as described below. Perform electric staining within 15 minutes after assembling the pads with the gel.

▷ 1.Use the following parameters as starting points for electric staining based on gel thickness. ▹1

Gel Thickness	Running Time
0.75 mm	6 - 7 minutes
1.0 mm	7 - 8 minutes
1.5 mm	7 - 8 minutes

▹1 Note: For best staining results, it is recommended to use iDStain System at room temperature (22 - 28°C). If the ambient temperature is below 22°C, you may need to extend the running time to obtain satisfied staining results based on gel thickness.

Press the **Min.** and **Sec.** buttons to set appropriate running time. If an undesired running time is set by mistake, press Reset button to clear the wrong time, and then press again the **Min.** and **Sec.** buttons to choose the desired running time.

▷ 2. Press the **Start/Stop** button to activate the electric staining program. The running time begins to count down and right status light keeps flashing during the whole staining program.

▷ 3. At the end of the staining, current automatically shuts off and the iD Stain Gel Device signals the end of staining with repeated beeping sounds. The right status light stops flashing and the lower four digits show text (00:00).
▷ 4. Press any button on the control panel to stop the beeping.
▷ 5. Proceed to disassemble the stack and clean the device.

Disassembling and Cleaning the iD Stain Gel Device

To obtain consistent staining results, disassemble the staining stack right away after ending the staining procedure.

▷ 1. Open the closed lid by pressing the Open button.
▷ 2. Carefully separate the stained gel from the staining stack and proceed to document the gel image.
▷ 3. Discard the used iD Stain Protein Staining Pad. ▷ 3

▷ 3 Note: Do Not reuse the iD Stain Pad. Discard after each use.

▷ 4. Remove the iD Stain Graphite Electrode out of the device, dry the contact rods with a dry cloth or tissue paper. Take care not to lose the spring on the rod located near the triangle symbols before placing back into the device. ▷ 4

▷ 4 Caution: Do Not clean the iD Stain Graphite Electrode immediately after ending the staining program since the graphite electrode is still hot after a run. Wait for 3 to 5 minutes before proceeding to cleaning.

▷ 5. Clean the titanium cathode and the anode tank with a dry cloth or tissue paper.
▷ 6. Replace the used Sponge Cushions with new ones after 20 times of electric staining.
▷ 7. Replace the used Absorbent Filter Paper in the waste tray with a new one after 20 times of electric staining.

At this point, the iD Stain Gel Device is ready for another run. If you are not using the device for a period of time, turn off the power switch located on the back of the device, take the graphite anode out, and keep the lid open to let any solution left in the holes for the contact rods dry out.
For any other repairs and services, contact our Technical Support. Do not perform any repairs or services on the iD Stain Gel Device by yourself to avoid damaging the device.

Replacing the iD Stain Graphite Electrode

During electric staining process, the iD Stain Graphite Electrode will absorb ions from anode pad while losing carbon composition, thereby changing the characteristics of the iD Stain Graphite Electrode and composition of the anode buffer.
For best staining results, after 100 uses of electric staining, the worn iD Stain Graphite Electrode should be replaced by a new one.

Caution: Do Not replace the graphite electrode immediately after ending the staining program since the graphite electrode is still hot after a run. Wait for 3 to 5 minutes before proceeding to the replacement protocol.

▷ 1. If the iD Stain Gel Device works at staining mode, press and hold Min. button for 2 seconds to toggle to numbering mode. If the upper three digits show "100" or a number greater than "100", perform the replacing protocol as describe below.

▷ 2.Switch Off the iD Stain Gel Device. Open the lid of the device and take the worn iD Stain 2.0 Graphite Electrode out of the device.

▷ 3. Remove the new iD Stain Graphite Electrode from the packing box. ▷3

▷3 Note: Wear gloves when handling the iD Stain Graphite Electrode.

▷ 4. Insert the contact rods of the new iD Stain Graphite Electrode into the holes in the anode tank. Make sure that the triangle symbols at the edge of the graphite electrode face the Open button.

▷ 5. Push the iD Stain Graphite Electrode down gently until you hear a click.

▷ 6. Close the lid and switch On the iD Stain Gel Device. Press and hold Min. button for 2 seconds to toggle to numbering mode. When the upper three digits are flashing, press Reset button to zero.
After successfully installing the iD Stain Graphite Electrode into the iD Stain Protein Staining Device, you are ready to use the device for next staining application. ▷6

▷6 Note: For best results, after every 40 times of electric staining, wash the iD Stain Graphite Electrode by soaking in distilled water for half an hour followed by drying with tissue paper.

Troubleshooting

Problem	Cause	Solution
The right status light doesn't flash during electric staining process.	Incomplete electric circuit due to improper assembly of the staining stack.	Ensure the staining stack is assembled correctly: Use the iD Stain Anode Pad first followed by the gel and iD Stain Cathode Pad.
The left and right status lights flash simultaneously	Excessive current is flowing through the iD Stain Gel Device	Check if the staining stack is properly assembled and ensure full coverage of the gel.
The stained gel has very faint or nearly invisible protein bands with high blue background	1. The staining time is not long enough.	1. Cover the iD Stain Cathode Pad again and then perform electric staining for 1 or 2 more minutes.
	2. The iD Stain Graphite Electrode has been used formore than 100 times.	2. Replace the worn iD Stain Graphite Electrode with a new one.
The stained gel has very faint or nearly invisible protein bands with clear background	The staining time is too long.	Do Not stain the gel using iD Stain System again. Instead, stain the gel using traditional tri-step method.
The stained gel has blue spots.	The gel has not been destained sufficiently.	Invert the iD Stain Cathode Pad, cover it back on top of the gel. Perform electric staining for 1 or 2 more minutes.
Blue spots observed at the bottom of the stained gel.	1. The spring is missing.	1. Fix the spring on the contact rod located close to triangle symbols.
	2. The iD Stain Graphite Electrode is installed in wrong direction.	2. Follow the steps described in the protocol to install the iD Stain Graphite Electrode in correct direction.
Ring-like spots observed on the protein bands.	1. Air bubbles trapped in the assembled staining stack.	1. Use the small shovel supplied with the iD Stain Device to press air bubbles out after staining stack assembly.
	2. Small gel pieces attached on the surface of the gel.	2. Make sure to remove all the gel pieces by washing the gel in distilled water prior to staining.
It is hard to close the lid or the lid can't be closed tightly	1. The lid is not closed properly	1. Follow the instruction on page 14 to properly close the lid.
	2. Extra Sponge Cushions are placed in the anode tank.	2. Use 1 piece of Sponge Cushion when staining 1.5 mm gel; use 2 pieces of Sponge Cushion when staining 0.75 and 1mm gel.

Warranty

iD Stain Gel Device

Eurogentec warrants that the iD Stain Gel Device will be free from defects in material and workmanship for a period of 2 years from date of purchase. If any defects occur in the product during this warranty period, Eurogentec will, at its option, repair, replace, or refund the purchase price of this product at no charge to you. The following defects, however, are specifically excluded:

- 1. Defects caused by improper operation.
- 2. Repair or modification done by anyone other than Eurogentec or an authorized agent.
- 3. Use of fittings or other spare parts supplied by anyone other than Eurogentec.
- 4. Damage caused by accident or misuse.
- 5. Damage caused by disaster.
- 6. Corrosion due to the use of improper solvent or sample.

For any inquiry or request for repair service, contact Eurogentec after confirming the model and serial number of your instrument. For your protection, items being returned must be insured against possible damage or loss. This warranty shall be limited to the replacement of defective products.
It is expressly agreed that this warranty will be in lieu of all warranties of fitness and in lieu of the warranty of merchantability.

Related Products

Cat. No Eurogentec	Name Eurogentec	Size
	iD Western 1h kits	
ID-WBESR1-005	iD Western 1H - Essential Kit (Rabbit)	1Kit (5 Assays)
ID-WBEHR1-005	iD Western 1H - Enhanced Kit with HRP (Rabbit)	1Kit (5 assays)
ID-WBETR1-005	iD Western 1H - Enhanced Kit with TMB (Rabbit)	1Kit (5 Assays)
ID-WBSHR1-005	iD Western 1H - Sensitive Kit with HRP (Rabbit)	1Kit (5 Assays)
ID-WBESM1-005	iD Western 1H - Essential Kit (Mouse)	1Kit (5 Assays)
ID-WBEHM1-005	iD Western 1H - Enhanced Kit with HRP (Mouse)	1Kit (5 assays)
ID-WBETM1-005	iD Western 1H - Enhanced Kit with TMB (Mouse)	1Kit (5 Assays)
ID-WBSHM1-005	iD Western 1H - Sensitive Kit with HRP (Mouse)	1Kit (5 Assays)
ID-WBESG1-005	iD Western 1H - Essential Kit (Goat)	1kit (5 assays)
ID-WBEHG1-005	iD Western 1H - Enhanced Kit with HRP (Goat)	1Kit (5 Assays)
ID-WBETG1-005	iD Western 1H - Enhanced Kit with TMB (Goat)	1kit (5 assays)
ID-WBSHG1-005	iD Western 1H - Sensitive Kit with HRP (Goat)	1Kit (5 Assays)
ID-WBFLU1-010	iD Western 1H - Kit for Fluorescent Detection	1Kit (10 Assays)
ID-WBMFL1-010	iD Western 1H - Multiplex Kit for Fluorescent Detection	1Kit (10 Assays)
	iD Substrate Kits	
ID-SUHRP1-300	iD HRP Substrate Kit	1Kit (2 X 150ml)
ID-SUHRP1-500		1Kit (2 X 250ml)
ID-SUHRP1-060		1Kit (2 X 30ml)
ID-SUTMB1-125	iD TMB Substrate Kit	1pk (125ml)
ID-SUTMB1-250		1pk (250ml)
ID-SUTMB1-500		1pk (500ml)
ID-SUTMB1-060		1pk (60ml)
	iD Western Consumables	
ID-WCNIM1-005	iD Nitrocellulose Membrane	1pk (5 sheets of 7.5 x 8 cm)
ID-WCBLO1-001	iD Blocking Kit for Western Blot Membrane	1kit
ID-WCRUB1-005	iD MOPS Running Buffer Powder	5 packs (for 5*1L running buffer)
ID-WCTRB1-010	iD Transfer Buffer Powder	10 paks (for 10*1L transfer buffer)
ID-WCSAB1-005	iD Sample Buffer 5x	5 mL
	iD Stain	
ID-STPAR1-020	iD Stain Pads (R-250)	20 pak
ID-STPAR1-040	iD Stain Pads (R-250)	2x20 pak
ID-STPAG1-020	iD Stain Pads (G-250)	20 pak
ID-STPAG1-040	iD Stain Pads (G-250)	2x20 pak
ID-STDEV1-001	iD Stain Gel Device	1 unit
ID-STETD1-001	iD Stain Graphite Electrode	1 unit

	iD Blot	
ID-BLDEV1-001	iD Blot Device	1 unit
ID-BLPAB1-020	iD Blot Pad (Basic)	1 box
ID-BLETD1-001	iD Blot Graphite Electrode	1 unit
ID-BLPAN1-020	iD Blot Pad (Nitrocellulose)	1 box
ID-BLPAP1-020	iD Blot Pad (PVDF)	1 box
ID-BLEQB1-125	iD Blot Equilibration Buffer	125 ml
	iD Markers	
ID-MWBRU1-250	iD Wide Range Unstained Protein Weight Marker	250 µl
ID-MWDCP1-250	iD Dual Color Pre-stained Protein Weight Marker	250 µl
ID-MWMCP1-250	iD Multi Color Pre-stained Protein Weight Marker	250 µl
ID-MWFLU1-100	iD Protein Marker for Fluorescent Western Blotting	100 lanes
	iD PAGE Gels	
ID-PA4201-010	iD PAGE Gel, 4-20%, 10 wells	1 box of 10
ID-PA4201-012	iD PAGE Gel, 4-20%, 12 wells	1 box of 10
ID-PA4201-015	iD PAGE Gel, 4-20%, 15 wells	1 box of 10
ID-PA4121-010	iD PAGE Gel, 4-12% 10 wells	1 box of 10
ID-PA4121-012	iD PAGE Gel, 4-12% 12 wells	1 box of 10
ID-PA4121-015	iD PAGE Gel, 4-12% 15 wells	1 box of 10
ID-PA8161 -010	iD PAGE Gel, 8-16%, 10 wells	1 box of 10
ID-PA8161 -012	iD PAGE Gel, 8-16%, 12 wells	1 box of 10
ID-PA8161-015	iD PAGE Gel, 8-16%, 15 wells	1 box of 10
ID-PA0121-010	iD PAGE Gel, 12%, 10 wells	1 box of 10
ID-PA0121-012	iD PAGE Gel, 12%, 12 wells	1 box of 10
ID-PA0121-015	iD PAGE Gel, 12%, 15 wells	1 box of 10
ID-PA0101-010	iD PAGE Gel, 10%, 10 wells	1 box of 10
ID-PA0101-012	iD PAGE Gel, 10%, 12 wells	1 box of 10
ID-PA0101-015	iD PAGE Gel, 10%, 15 wells	1 box of 10
ID-PA0081-010	iD PAGE Gel, 8%, 10 wells	1 box of 10
ID-PA0081-012	iD PAGE Gel, 8%, 12 wells	1 box of 10
ID-PA0081-015	iD PAGE Gel, 8%, 15 wells	1 box of 10

PRO-ID Stain system

FOR FAST COOMASSIE BLUE PROTEIN GEL STAINING

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