

A cluster of autumn leaves in shades of yellow, orange, and red, with some green leaves still visible. They are set against a blurred background of more foliage and light, creating a warm, seasonal atmosphere.

End of Year **Special Offers**

2018

TC20 Automated Cell Counter

- Automated and precise cell counts and viability assessment within 30 seconds
- Compatible with a broad range of cell sizes and types
- Dual use, economical counting slides



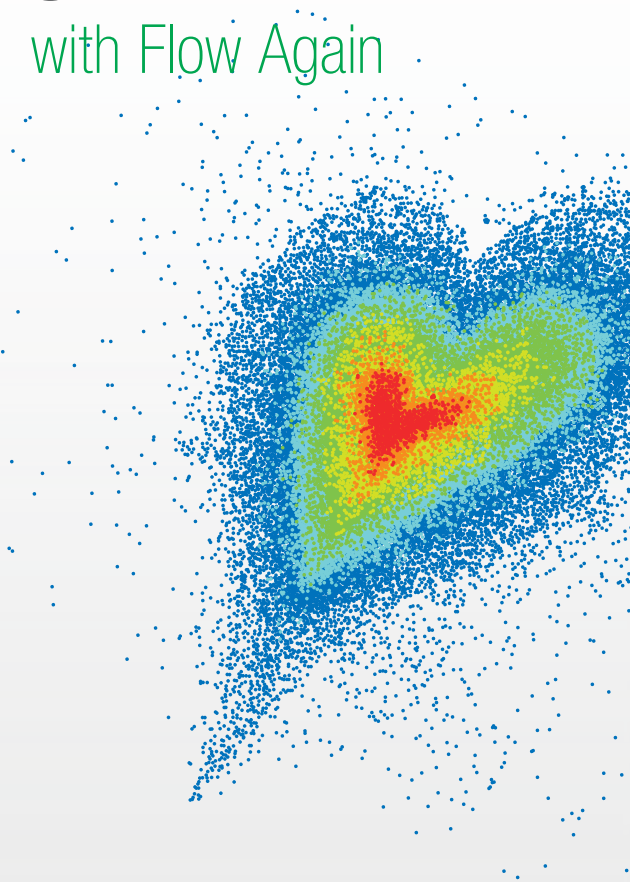
SAVE 34%

| Cat. No. | Description | Offer Price ZAR |
|----------|-----------------------------|-----------------|
| 1450102 | TC20 Automated Cell Counter | 50 500,00 |

Please see ordering information on page 34 for details on how to place your order.

FALL IN LOVE

with Flow Again



The ZE5 Cell Analyser — Your Perfect Match

Discover an innovative new flow cytometer with flexible configurations to meet a broad range of experimental complexities and throughput needs, whether it's a low-complexity, 2-parameter run or a high-complexity, 30-parameter experiment. With an integrated universal plate holder, it is ready for virtually any tube, rack, or plate. Best of all, the system tracks settings and checks for errors to anticipate problems before they happen. Meet your perfect match and fall in love with flow again.

Find out more and get your personalised quote.
Visit info.bio-rad.com/ze5-offers18.

BIO-RAD

S3e CELL SORTER

The affordable S3e Cell Sorter provides smart features that make cell sorting easier and more accessible to both novices and experts without compromising performance and sensitivity.

Accurate results

Get 99% pure, reproducible results every time

No experience necessary

Automated system simplifies set up, monitoring and QC of sorts

Over 3,000 antibodies

Tested for flow cytometry, available at bio-rad-antibodies.com



Find out more and get your personalised quote.
Visit info.bio-rad.com/s3e-offers18.

BIO-RAD

ZOE Fluorescent Cell Imager

- No darkroom required: visualise cells at your benchtop
- Brightfield and three fluorescent channels for a wide range of fluorophores
- Simple, intuitive touch screen with multi-channel merging



See page 34
for the ordering
instructions



| SAVE 17% | | |
|----------|-----------------------------|-----------------|
| Cat. No. | Description | Offer Price ZAR |
| 1450031 | ZOE Fluorescent Cell Imager | 122 600,00 |

C1000 Touch Thermal Cycler

- Interchangeable reaction modules that can be exchanged in seconds (dual 48, 96 or 384 wells)
- Link up to three additional S1000 Thermal Cyclers to each C1000 Touch Thermal Cycler
- Optimise reactions quickly in a single run using thermal gradient technology and the Protocol Autowriter feature



SAVE 20%-22%

| Cat. No. | Description | Offer Price ZAR |
|----------|--|-----------------|
| 1851148 | C1000 Touch 2x48-Well Thermal Cycler with gradient | 126 200,00 |
| 1851196 | C1000 Touch 96-Well Thermal Cycler with gradient | 112 900,00 |

Looking for a 384-well block?

Just ask us for your personalised quote at info.bio-rad.com/pcr-offers18

Please see ordering information on page 34 for details on how to place your order.

T100 Thermal Cycler

- 96-well thermal cycler for fast, easy PCR
- Optimise reactions quickly in a single run using thermal gradient technology
- Save time on programming with an intuitive touch screen interface
- Consistent results with fast, stable temperature control



SAVE 20%

| Cat. No. | Description | Offer Price ZAR |
|----------|--|-----------------|
| 1861096 | T100 Touch Screen Thermal Cycler with gradient | 40 800,00 |

Please see ordering information on page 34 for details on how to place your order.

CFX Connect Real-Time PCR System

The CFX Connect Real-Time PCR System is the ideal workhorse for your lab and comes with industry-leading CFX Maestro Software, qbase+ software licence, reagents and consumables



SAVE 30%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1855200 | CFX Connect Personal Real-Time PCR System, includes CFX Maestro Software and qbase+ Software licence, SYBR® Green Supermix, 96-well PCR plates, and plate seals | 151 700,00 |

Looking for a 384-well block?

Just ask us for your personalised quote at info.bio-rad.com/pcr-offers18

Please see ordering information on page 34 for details on how to place your order.

CFX REAL-TIME PCR DETECTION SYSTEMS

Whatever your goal, there is a system ready to help you achieve the best results possible.

- Two- to five-channel multiplexing capabilities
- Go high-throughput with 384-well plate compatibility
- Deep-well systems also available for bigger reaction volumes
- Regulatory-friendly software options for full audit trail
- CE Marked systems available for CE-IVD applications



Get your personalised offer at
info.bio-rad.com/cfx-offers18.

BIO-RAD

iScript cDNA Synthesis Kits

- Efficient reverse transcription across a broad dynamic range
- Potent RNase A inhibitors protect RNA during set-up and reverse transcription for greater reliability
- Fast 40 min cDNA synthesis protocol in easy 2-tube format



SAVE 40%

| Cat. No. | Description | Offer Price ZAR |
|----------|--|-----------------|
| 1708891 | iScript cDNA Synthesis Kit, 500 x 20 µl reactions | 5 400,00 |

Try iScript gDNA Clear cDNA Synthesis Kits for RT-qPCR without interfering genomic DNA or iScript Select cDNA Synthesis Kit for higher fidelity reverse transcription - visit bio-rad.com/iscript

Please see ordering information on page 34 for details on how to place your order.



PCR SUPERMIXES

Ready for Anything

Bio-Rad's supermixes can make any qPCR experiment easier, faster and more effective. Our real-time PCR supermixes are designed for:

Any instrument – universal reference dye is compatible with all qPCR platforms

Any chemistry – supermixes for SYBR® Green or probe-based detection chemistry

Any conditions – our patented Sso7d fusion polymerase guarantees superior qPCR performance under varying and/or challenging conditions

Switch now to get big savings*

*Valid only for first purchase of consumables and reagents not being ordered by you currently.

Request your special introductory offer today at
info.bio-rad.com/super-offers18.

BIO-RAD

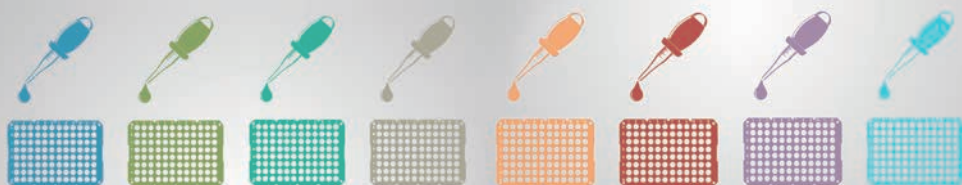
NOT ALL PCR PLASTICS ARE CREATED EQUAL

All Bio-Rad PCR plastics are validated on Bio-Rad instruments to guarantee you data you can publish with confidence:

- **Optimized heat transfer** with extremely thin-walled polypropylene
- **Reduced risk of cross-contamination** with raised well rims for effective sealing
- **Rigidity and torque-resistance** with Bio-Rad Hard-Shell polycarbonate frames

Try for first time to get big savings*

*Valid only for first purchase of consumables and reagents not being ordered by you currently.



Request your special introductory offer today at
info.bio-rad.com/plastic-offers18.

BIO-RAD

QX200 Droplet Digital PCR System



Go beyond the limits of qPCR and discover absolute quantification of target DNA or RNA with our complete range for Droplet Digital PCR analysis.

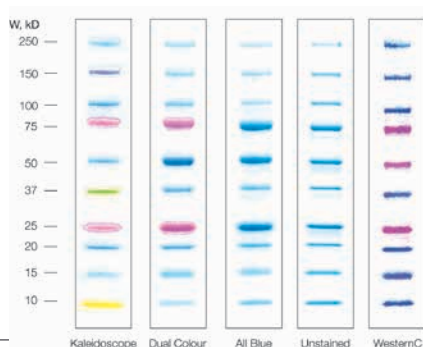
- Experimentally validated assays and reagents provide maximum efficiency and sensitivity
- Perform high-throughput screening and reduce hands-on time with the AutoDG Automated Droplet Generator
- Range now includes QXDx Droplet Digital PCR System with the CE IVD mark for use in in vitro diagnostic (IVD) systems

Find out more and get your personalised quote.
Visit info.bio-rad.com/qx200-offers18.

BIO-RAD

Precision Plus Protein Standards

- Economical method for purchasing protein standards
- Accurate molecular weights conserved across the family
- Exceptional band sharpness and reference bands for easy blot orientation



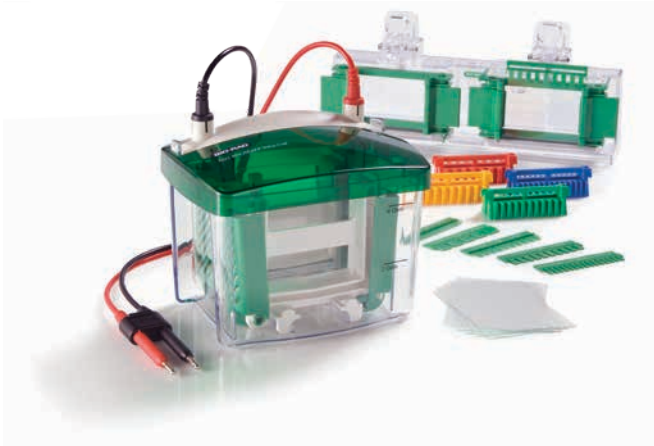
SAVE 35%-40%

| Cat. No. | Description | Offer Price ZAR |
|----------|--|-----------------|
| 1610393 | Precision Plus Protein All Blue Standards Value Pack, 5 x 500 µl, 250 applications | 6 820,00 |
| 1610394 | Precision Plus Protein Dual Color Standards Value Pack, 5 x 500 µl, 250 applications | 6 930,00 |
| 1610396 | Precision Plus Protein Unstained Standards Value Pack, 5 x 1,000 µl, 500 applications | 6 591,00 |
| 1610399 | Precision Plus Protein WesternC Standards Value Pack, 5 x 250 µl, 250 applications | 8 660,00 |
| 1610395 | Precision Plus Protein Kaleidoscope Standards Value Pack, 5 x 500 µl, 250 applications | 7 522,00 |

Please see ordering information on page 34 for details on how to place your order.

Mini-PROTEAN Tetra Cell

- Run 1-4 handcast or precast gels in the same cell
- Leak proof and easy to assemble system
- Electrophoresis and blotting modules can be run in the same tank



SAVE 30%-40%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1658001 | Mini-PROTEAN Tetra Cell, 10-well, 1 mm thickness; 4-gel system complete with plates, combs and gel casting accessories and a 10% TGX Stain-Free FastCast Sample Kit | 12 650,00 |
| 1658004 | Mini-PROTEAN Tetra Cell for mini precast gels, 4-gel system | 7 200,00 |

Please see ordering information on page 34 for details on how to place your order.

Get BIG Savings on Western Blot Detection Reagents

The clear choice for your western blot detection reagents.

Chemiluminescence

Clarity and Clarity Max Western ECL Blotting Substrates

- Try high performance Clarity & Clarity Max Western ECL Blotting Substrates for your routine and high sensitivity applications

Fluorescence Blot Detection

StarBright Blue Secondary Antibodies

- StarBright Blue Secondary 520 & 700 Antibodies give unmatched sensitivity
- Spectrally distinct for ease of detection and multiplexing on suitable imaging systems

Normalise with hFAB Rhodamine Housekeeping Protein primary antibodies.

- One-step house-keeping protein detection with no cross reactivity. No need for a secondary antibody

Switch now to get big savings*

Request your special introductory offer today at info.bio-rad.com/wb-offers18.

*Valid only for first purchase of consumables and reagents not being ordered by you currently.

BIO-RAD

PowerPac Power Supplies

- Compact and stackable power supplies with four output jacks in parallel
- PowerPac Basic Power Supply for the majority of electrophoresis applications; 300 V, 400 mA, 75 W
- PowerPac HC Power Supply for high current blotting applications; 250 V, 3.0 A, 300 W



SAVE 25%-35%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1645050 | PowerPac Basic Power Supply, 100-120/220-240 V | 7 170,00 |
| 1645052 | PowerPac HC Power Supply, 100-120/220-240 V | 12 850,00 |

Please see ordering information on page 34 for details on how to place your order.

Gel Doc EZ Imaging System

- Modular design with application specific trays for simplicity and reproducibility
- Publication quality images and fully analysed results at the push of a button
- Cost effective as you only need to purchase the trays you need now



SAVE 15%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1708270 | Gel Doc EZ Imaging System for PC or Mac, includes darkroom, camera, cables, Image Lab software and stain-free sample tray | 78 400,00 |

Please see ordering information on page 34 for details on how to place your order.

Gel Doc XR+ Imaging System

- Wide range of protein and nucleic acid imaging applications
- Protocol driven imaging and automated analysis
- Large imaging area



See page 34
for the ordering
instructions



SAVE 15%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1708195 | Gel Doc XR+ System with Image Lab Software for PC or Mac, includes darkroom, transilluminator, epi-white illumination, standard filter, camera and cables | 172 000,00 |

LEADING THE WAY IN BLOT AND GEL IMAGING

No compromise fluorescence and chemiluminescence detection with the ChemiDoc Imaging Systems.

- Enjoy the best sensitivity and image quality on any detection method, from chemiluminescence to fluorescence and near infrared
- Stain-free enabled for immediate visualisation of proteins and easy blot validation by total protein normalisation
- Multiplex fluorescence enabled. Detect up to three proteins in every experiment and get more data from every blot




STAIN-FREE
ENABLED

*Offer price for ChemiDoc XRS+ Imaging System

Find out more and get your personalised quote.
Visit info.bio-rad.com/chemidoc-offers18.

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ChemiDoc XRS+ Imaging System

- High sensitivity chemiluminescence detection
- Reliable alternative to x-ray film giving fast quantitative and reproducible data
- Get publication quality images faster with Image Lab Software



SAVE 23%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1708265 | ChemiDoc XRS+ System with Image Lab Software for PC or Mac, includes darkroom, transilluminator, epi-white illumination, standard filter, camera, power supply and cables | 297 000,00 |

Please see ordering information on page 34 for details on how to place your order.

Trans-Blot Turbo Transfer System

- Transfer 1-4 mini or 1-2 midi gels per run
- Optimised performance using Bio-Rad's Trans-Blot Turbo pre-packed or ready-to-assemble stacks



SAVE 25%

| Cat. No. | Description | Offer Price ZAR |
|----------|--|-----------------|
| 17001917 | Trans-Blot Turbo Transfer Starter System, mini, PVDF | 30 900,00 |
| 17001919 | Trans-Blot Turbo Transfer Starter System, midi, PVDF | 30 600,00 |
| 17001918 | Trans-Blot Turbo Transfer Starter System, mini, nitrocellulose | 30 150,00 |
| 17001915 | Trans-Blot Turbo Transfer Starter System, midi, nitrocellulose | 30 400,00 |

iMark Microplate Absorbance Reader

- Ideal for ELISA and protein assays
- Stand-alone or PC operation* with Microplate Manager Software
- Includes six optical filters and built in printer as standard



*PC not supplied

SAVE 22%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 1681135 | iMark Microplate Absorbance Reader with Microplate Manager 6 Software | 81 300,00 |

Please see ordering information on page 34 for details on how to place your order.

Bio-Plex Pro Cytokine Assays

- Multiplex immunoassays for human, rat or mouse
- Quickly screen large numbers of relevant biomarkers
- Get multiplex data in just 3.5 hours through all-in-one, pre-mixed magnetic-bead assays



SAVE 37%

| Cat. No. | Description | Offer Price ZAR |
|------------|---|-----------------|
| M500KCAF0Y | Bio-Plex Pro Human Cytokine 27-Plex Assay, 1x96 well | 32 000,00 |

Want a special offer on any other Bio-Plex off-the-shelf or custom assay? Please visit info.bio-rad.com/bio-plex-offers18.

IMPROVE YOUR MULTIPLEX ANALYSIS

Get a new Bio-Plex System now

Still working with an older Bio-Plex or Luminex 100 System? Dealing with data handling issues? Need higher throughput capabilities?

Upgrade now to a system that can handle the changing demands of your projects. All systems feature the trusted Luminex xMAP technology with our industry-leading Bio-Plex Manager Multiplex Software and are compatible with our rapid, sensitive Bio-Plex Immunoassays.



**INQUIRE TODAY
TO GET YOUR
PERSONALISED
QUOTATION**

Upgrade today and get your personalised quote.
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CHROMATOGRAPHY COLUMNS

Affinity | Size Exclusion/Gel Filtration | Ion Exchange



ENrich High-Resolution IEX and SEC Columns and Bio-Scale Affinity Columns

Discover a comprehensive prepacked column portfolio for all your analytical and preparative chromatography applications. Experience high-resolution protein separations at low backpressure and fast flow rates.

Try now for first time to get big savings*

*Valid only for first purchase of consumables and reagents not being ordered by you currently.

Request your special introductory offer today at
info.bio-rad.com/chrom-offers18.

BIO-RAD

NGC Quest 10 Chromatography System

A compact, customisable chromatography system to suit both your application and workflow needs

- For separating biomolecules with accurate gradients and high resolution
- Flexible system allows optimal placement of valves and detectors to minimise the flow path
- Unique ChromLab Software provides powerful system control, automated methods and analysis options



SAVE 12%

| Cat. No. | Description | Offer Price ZAR |
|----------|---|-----------------|
| 7880001 | NGC Quest 10 Chromatography System, includes 10 ml/min pumps, single-wavelength (UV) and conductivity detection, automated sample injection | 485 000,00 |

Please see ordering information on page 34 for details on how to place your order.

FUTURE-PROOF YOUR PROTEIN PURIFICATION

NGC Medium-Pressure Liquid Chromatography Systems

Experience a system that is ready to meet all your needs, even when they change.

- Adapt and expand with multiple modular system configurations and optional tier upgrades
- Intuitive software platform simplifies method development and automates optimisation of conditions to achieve purity faster
- High-throughput enabled with high-capacity fraction collector
- Save days of work time by automating multi-step purifications



*Offer price for NGC Quest 10 System

Find out more and get your personalised quote.
Visit info.bio-rad.com/ngc-offers18.

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Ordering Information

To place your order, please contact your Bio-Rad partner:

Lasec

52 Old Mill Road, Ndabeni, Cape Town, 7405

PO Box 2110, Cape Town, 8000

Phone: +27 21 531 7504

Fax: +27 21 531 7562

Email: sales@lasec.com

Terms & Conditions

End of year special offers valid until 15th December 2018.

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