

WORKFLOW SOLUTIONS

1 PREPARATION

PIPETMAN L STARTER KITS

Meeting all the liquid handling needs of your standard PCR workflow, the Gilson PIPETMAN L Starter pack consists of four fully-autoclavable pipettes to cover the required volume range of 0.2µl to 1000µl.



PCR PREP STATIONS

PCR prep stations are compact benchtop laminar flow enclosures that create a personal clean zone. Amplify RNA and DNA while minimizing the potential for background from airborne contaminants.



PCR CONSUMABLES

Lasec® offers a large selection of PCR consumables including individual and strip tubes designed to precisely fit all thermocyclers. All our PCR products are made from virgin medical grade, FDA approved polypropylene.



HIGH THROUGHPUT

Reduce costly technical replicates and maximise reproducibility with the ultimate pipette operator, PIPETMAX. For qPCR, NGS, cell-based assays, and more, PIPETMAX increases the reproducibility and pace of your experiments.



LOW THROUGHPUT

Filter tips from Labcon offer you uncompromising performance. These universal filter tips provide you with complete protection from sample carry over. Every lot of tips is tested and certified to be free of RNase and DNase contamination, human DNA and ATP. They are autoclavable and certified non-pyrogenic.



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2 ANALYSIS



PCR

Bio-Rad thermal cycler technology delivers exceptional performance and consistent results.

T100

The Bio-Rad T100™ thermal cycler offers a comprehensive set of features in a small footprint, including an intuitive touch-screen user interface and thermal gradient technology to make running PCR easy.

C1000

The Bio-Rad C1000 Touch™ offers unmatched performance for fast reliable results, with an easy upgrade to real-time PCR using the CFX optical reaction module.



qPCR

The CFX96 Touch™ Real-Time PCR Detection System from Bio-Rad is a powerful, precise, and flexible instrument combining advanced optical technology with precise temperature control to deliver sensitive, reliable detection for singleplex or multiplex reactions.



To further guarantee excellent results, Lasec® supplies PCR tubes and plates with white wells, combined with optically-clear flat caps or sealing film, to enhance fluorescence signal strength.

Go from quantification cycles to statistically driven results with the latest CFX Maestro™ software. Prepare your results for publications and posters with highly customisable data visualization tools.

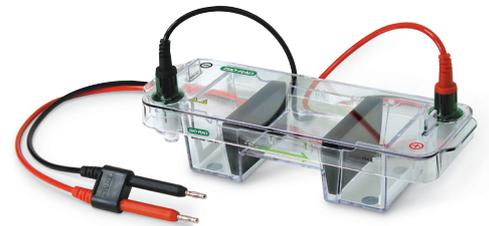


ddPCR

The QX200™ Droplet Digital™ PCR (ddPCR™) System provides absolute quantification of target DNA or RNA molecules for digital PCR applications. With the convenient assay design standard curves are not required.



Applications include biomarker studies and copy number variation; pathogen detection; next generation sequencing and gene expression analysis.



3 ELECTROPHORESIS

HORIZONTAL

Bio-Rad offers a complete line of easy-to-use horizontal agarose gel electrophoresis systems, varying in length and width, for both low and high throughput applications.

VERTICAL

The Mini-PROTEAN® Tetra Cell is ideal for vertical mini gel electrophoresis. This electrophoresis cell accommodates 1-4 pre-cast or hand-cast gels. Easy to assemble, this system has a patented sealing system that prevents assembly errors.

Gel-loading tips are designed for precise and accurate sample loading. With a universal fit, they accommodate most pipettor brands. Certified free of detectable RNase, DNase, DNA, PCR inhibitors, and tested pyrogen-free.



4 VISUALISATION

Imaging systems detect images and quantitate fluorescent, chemiluminescent and colorimetric signals. Bio-Rad offers software that provides automation for image acquisition with data analysis and validation.

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