

هديل الطبية

HADEEL MEDICAL



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Our Factory:

Our manufacturing process does not include any shortcuts and is carried out in a world-class automated facility run by qualified experts. Our PCR plastics manufacturing facility is solely focused on the production of high-quality molecular grade plastics. Our team of engineers, molecular biologists, and QC/QA managers have the years of experience needed to help deliver reliable products that generate accurate and reproducible PCR data.

To avoid contaminants that can interfere with molecular biology applications, our entire production process, from molding to final packaging, is carried out in a Class 100,000 cleanroom under ISO 9001 guidelines. All of our PCR plastics are certified free from RNase, DNase, and human DNA. In contrast, during typical non-cleanroom production, plastics are exposed to many contaminants including dust, bacterial cells, and DNA. The plastics are then sterilized to kill bacteria and inactivate RNases and DNases, but sterilization does not remove dust or DNA contamination. The dust particles left behind can inhibit PCR, and the damaged DNA fragments can still act as templates for nonspecific amplification.

Molds:

Our Molds are designed carefully to be compatible with all standard PCR/qPCR and sequencing machines. Maintenance dramatically affect the quality of the PCR plastic unpolished well surfaces can bind reaction components, and the presence of trace chemicals can inhibit amplification. Our tools are designed and maintained with this in mind, with no lubricants or releasing agents used in any part of the production process, and molds are cleaned and inspected after each production run. The mold cavities are also extensively polished to produce ultrasmooth PCR well surfaces. This precision design and maintenance helps ensure our plastics are chemical-free and ultrasmooth to prevent PCR inhibition and maximize sample recovery

PCR/qPCR plastic consumables:

Hadeel Medical Plates and tubes plastics are designed to deliver accurate and reproducible PCR data. Our products are manufactured from medical-grade virgin polypropylene in a Class 100,000 cleanroom under ISO 9001 guidelines and are free from RNase, DNase, and human DNA. We offer both high and low profile reaction plates as well as 1.5 ml Snap-Cap reaction tubes.

Compatibility:

Or PCR Products are compatible with most standard PCR/qPCR, and Sequencers. Our products compatibility including but not limited to the follow equipment:

2720 Thermal Cycler, 3130 Genetic Analyzer, 3130xl Genetic Analyzer, 3500 Dx Genetic Analyzer, 3500 Genetic Analyzer, 3500xL Dx Genetic Analyzer, 3500xL Genetic Analyzer, 3730 DNA Analyzer, 3730xl DNA Analyzer, 7300 System, 7500 System, 7900HT System, GeneAmp™ 9700, ProFlex™ PCR System, QuantStudio™, QuantStudio Dx, SimpliAmp™ Thermal Cycler, Veriti™ Dx Thermal Cycler, Veriti Thermal Cycler, ViiA™ 7 Dx System, ViiA 7 System Fast PCR, PCR, PCR & Real-Time PCR, Routine PCR, LightCycler® 480 System, 310 Genetic Analyzer, 3130 Genetic Analyzer, 3130xl Genetic Analyzer, 3500 Dx Genetic Analyzer, 3500 Genetic Analyzer, 3500xL Dx Genetic Analyzer, 3500xL Genetic Analyzer, 3730 DNA Analyzer, 3730xl DNA Analyzer, 7500 Fast Dx System, 7500 Fast System, 7900HT Fast System, StepOnePlus™, Veriti™ Dx Fast Thermal Cycler, Veriti Fast Thermal Cycler, ViiA™ 7 Dx Fast System, ViiA 7 Fast System, Fast Real-Time PCR, PCR, PCR & Real-Time PCR, Real Time PCR (qPCR)

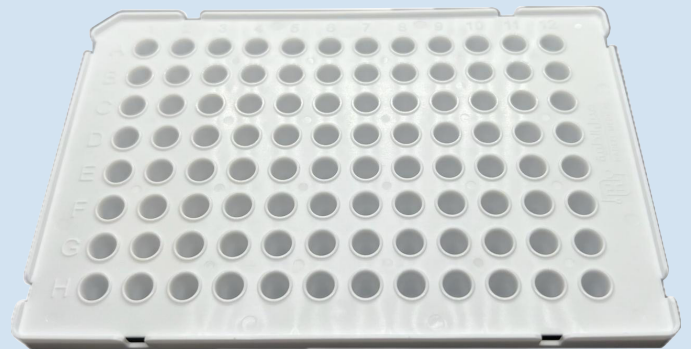
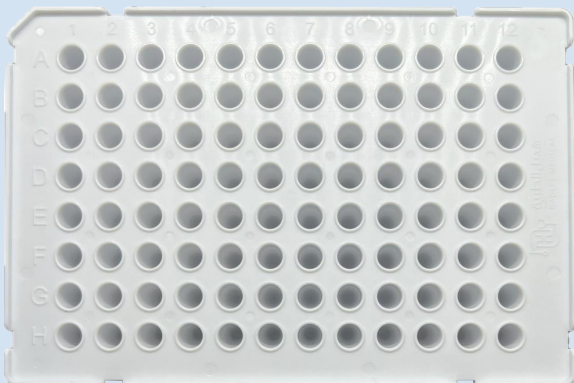
Please Contact us for compatibility testing.

Products:

We have three lines:

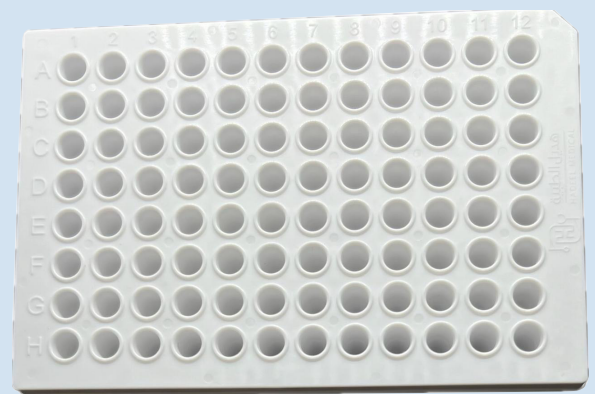
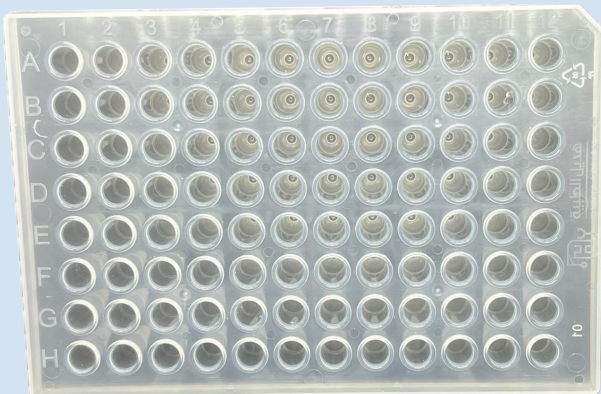
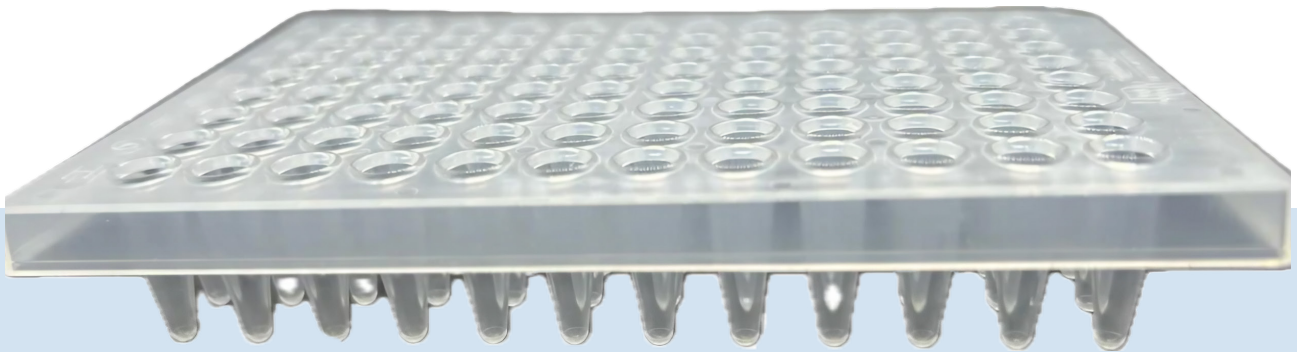
1. Semi-Skirted Low Profile PCR Reaction Plate:

- **Material:** Polypropylene
- **Autoclavable:** Yes
- **Storage Condition:** Room Temperature
- **Packaging:** 20 Plates/Pack
- **Available in two colors:** White and Clear
- **Recommended** for automated workflows
- **Volume (Metric) Well:** 0.2 ml
- **Low profile** to reduce dead space and increase PCR efficiency
- **Cut corner:** A1



2. Semi-Skirted PCR Reaction Plate

- **Material:** Polypropylene
- **Autoclavable:** Yes
- **Storage Condition:** Room Temperature
- **Packaging:** 20 Plates/Pack
- **Available in two colors:** White and Clear
- **Recommended** for automated workflows
- **Volume (Metric) Well:** 0.3 mL
- **Volume (Metric) Working:** 0.2 mL
- **Cut corner:** A12



3. Centrifuge tube:

- **Volume:** 1.5 ml
- **Packaging:** 512 Tubes/Pack
- **Lid prevents** unintentional lid opening during incubation and storage
- **Stability up** to 30,000 × g
- **Polypropylene** provides high resistance to chemicals, mechanical stress and temperature extremes
- **Autoclavable:** Yes resistance to chemicals, mechanical stress and temperature extremes
- **Easy labeling** on frosted lid and surface on the side
- **Hinged Safe-Lock lid**



NO	Description	Code
1	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, Clear Color, Barcoded, Sterile DNase / RNase Free	P0.1SCS-B
2	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, Clear Color, Barcoded, non-Sterile DNase / RNase Free	P0.1SCN-B
3	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, Clear Color, Sterile DNase / RNase Free	P0.1SCS
4	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, Clear Color, non-Sterile DNase / RNase Free	P0.1SCN
5	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, White Color, Barcoded, Sterile DNase / RNase Free	P0.1SWS-B
6	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, White Color, Barcoded, non-Sterile DNase / RNase Free	P0.1SWN-B
7	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, White Color, Sterile DNase / RNase Free	P0.1SWS
8	PCR Reaction Plate, Low Profile 0.1 ml, 96-well, semi-skirted plate, White Color, non-Sterile DNase / RNase Free	P0.1SWN
9	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, Clear Color, Barcoded, Sterile DNase / RNase Free	P0.2SCS-B
10	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, Clear Color, Barcoded, non-Sterile DNase / RNase Free	P0.2SCN-B
11	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, Clear Color, Sterile DNase / RNase Free	P0.2SCS
12	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, Clear Color, non-Sterile DNase / RNase Free	P0.2SCN
13	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, White Color, Barcoded, Sterile DNase / RNase Free	P0.2SWS-B
14	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, White Color, Barcoded, non-Sterile DNase / RNase Free	P0.2SWN-B
15	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, White Color, Sterile DNase / RNase Free	P0.2SWS
16	PCR Reaction Plate, 0.2 ml, 96-well, semi-skirted plate, White Color, non-sterile DNase / RNase Free	P0.2SWN
17	1.5 ml centrifuge tube, Clear Color, Sterile DNase / RNase Free	T1.5CS
18	1.5 ml centrifuge tube, Clear Color, non-Sterile DNase / RNase Free	T1.5CN
19	1.5 ml centrifuge tube, Amber Color, Sterile DNase / RNase Free	T1.5AmS
20	1.5 ml centrifuge tube, Amber Color, non- Sterile DNase / RNase Free	T1.5AmN



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