

End Point Master Mixes



Necessary pieces ready to set up DNA amplifications easily and quickly

BIOTOOLS
BIOTOOLS B&M LABS.S.A.

Master Mix line

Biotoools offers several PCR master mixes that have been optimized to amplify a wide range of templates and accommodate the performance needs. These master mixes provide superior results for routine hot-start, fast, multiplex, long and complex amplification.

PCR master mixes provide the key ingredients necessary for performing PCR in a premixed and optimized format that streamlines and simplifies the PCR workflow. Master mixes come pre-mixed and pre-measured containing DNA polymerase, salts, magnesium, dNTPs and optimized reaction buffer. Your template and primers are the only additions necessary to perform PCR.

• Gelified Master Mix

DNA AmpliGel Master Mix is designed and manufactured using a Biotoools's technology, **Gelification Technology** which is covered by the international patent PCT/ES02/00109. Biotoools gelified master mixes represent a step forward in respect to their liquid counterparts because they are stored at 4 °C, and can be shipped and handle at room temperature*

Advantages

- Minimal set-up time
- Less errors
- Cost-effective (minimal budget for consumables)
- Convenient store and shipment conditions
- Minimal intra- and inter-assay variation

Applications

- Routine PCR with high reproducibility (up to 5 kb)
- Primer extension
- TA cloning
- Gene sequencing
- cDNA Amplification
- High throughput PCR
- Field experiments

• Ordering information

Ref.	Product	Format	Size of PCR products
10.541	DNA AmpliGel Master Mix-Strips	12 x 8-tube strips	Up to 5 kb
10.545	DNA AmpliGel Master Mix-Plates	10 x 96-well plates	Up to 5 kb
10.546	DNA AmpliGel Master Mix-Plates	20 x 96-well plates	Up to 5 kb
10.551	DNA AmpliGel PLUS Master Mix-Strips	12 x 8-tube strips	Up to 10 kb

ORDERS: Fax: +34 91 505 31 18 Mail: orders@biotools.eu

Which PCR Master Mix is Right for You?

• Standard Master Mix

Features	Applications	
Standard Master Mix	<ul style="list-style-type: none"> • Routine PCR (up to 10 kb) • High throughput PCR • Primer extension 	<ul style="list-style-type: none"> • Generation of PCR products for TA cloning • Gene sequencing • cDNA Amplification
HotStar effect Master Mix	<ul style="list-style-type: none"> • High specificity PCR (up to 10 kb) • Routine PCR • High throughput PCR 	<ul style="list-style-type: none"> • Generation of PCR products for TA cloning • Gene sequencing • cDNA Amplification • Primer extension
Fast Master Mix	<ul style="list-style-type: none"> • Fast PCR (<25 min-500 bp) • High specificity PCR (up to 8 kb) • Primer extension 	<ul style="list-style-type: none"> • Generation of PCR products for TA cloning • Gene sequencing • cDNA Amplification
Multiplex Master Mix	<ul style="list-style-type: none"> • Typing and detection of pathoge 	<ul style="list-style-type: none"> • Typing of transgenic organism • Simplification of multiple DNA fragments for SNP genotyping pathogens
Loading Dye Mastermix	<ul style="list-style-type: none"> • Routine PCR (up to 10 kb) • High throughput PCR • Primer extension 	<ul style="list-style-type: none"> • Generation of PCR products for TA cloning • Gene sequencing • cDNA Amplification
Complex Master Mix	<ul style="list-style-type: none"> • Amplification of genomic DNA • Amplification of GC-rich templates 	<ul style="list-style-type: none"> • Amplification of DNA targets with secondary structure • Amplification from low amounts of templates ($\geq 0.5\text{pg}$)

• Ordering information

Ref.	Product	Format
4557	DNA AmpliTools Master Mix	250 rxns of 25 μl
4558	DNA AmpliTools Master Mix	500 rxns of 25 μl
4559	DNA AmpliTools HotSplit Master Mix	250 rxns of 25 μl
4560	DNA AmpliTools HotSplit Master Mix	500 rxns of 25 μl
10.421	DNA AmpliTools Fast Master Mix	100 rxns of 20 μl
10.422	DNA AmpliTools Fast Master Mix	200 rxns of 20 μl
4500	DNA AmpliTools Multiplex Master Mix	100 rxns of 20 μl
4501	DNA AmpliTools Multiplex Master Mix	200 rxns of 20 μl
4749	DNA AmpliTools Green Master Mix	250 rxns of 25 μl
4750	DNA AmpliTools Green Master Mix	500 rxns of 25 μl
4519	DNA AmpliTools Complex Master Mix	250 rxns of 25 μl
4520	DNA AmpliTools Complex Master Mix	500 rxns of 25 μl



CUSTOMER SERVICE: technicalsupport@biotools.eu

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