

End Point PCR



A wide range of products to meet all
DNA amplifications

BIOTOOLS
BIOTEC S.R.L. & B&M LABS S.R.L.

Biotoools End point line

Biotoools offers a wide selection of high quality kits enzymes and reagents. All of the kits have been designed for high efficiency, high yield, sensitivity and specificity for a wide range of samples. Choose from a variety of enzyme application types, formats depending on the flexibility needed to perform your experiments.

Features

Applications

Standard Polymerase	<ul style="list-style-type: none"> • Concentration: 1 and 5 U/μl • Size of PCR products: Up to 5 Kb • PCR cloning: T/A • Endonuclease activity: No • Reverse transcriptase activity: No • 5'3'exonuclease activity: Yes • 3'5'exonuclease activity: No 	<ul style="list-style-type: none"> • Standard PCR • Multiplex PCR • In situ PCR • DNA sequencing • Other reactions requiring DNA synthesis at high temperature 	DNA polymerase
HotStart effect	<ul style="list-style-type: none"> • Concentration: 1 and 5 U/μl • Size of PCR products: Up to 5 Kb • PCR Cloning: T/A • Endonuclease activity: No • Reverse Transcriptase Activity: No • 5'3'Exonuclease Activity: Yes • 3'5'Exonuclease Activity: No 	<ul style="list-style-type: none"> • High sensitivity PCR • High specificity PCR • Standard PCR • Multiplex PCR • q-PCR 	HotSplit DNA Polymerase
Highly Pure	<ul style="list-style-type: none"> • Concentration: 1 U/μl • Size of PCR products: Up to 5 Kb • PCR cloning: T/A • Endonuclease activity: No • Reverse transcriptase activity: No • 5'3'exonuclease activity: Yes • 3'5'exonuclease activity: No 	<ul style="list-style-type: none"> • Highly specific amplification • Low-copy target amplification • Bacterial sequences amplification • Detection of bacterial pathogens in clinical samples • Standard PCR • q-a wide range of products to meet all DNA amplifications PCR 	Ultratools DNA Polymerase
Proofreading	<ul style="list-style-type: none"> • Concentration: 1 and 5 U/μl • Size of PCR products: Up to 5 Kb • PCR cloning: Blunt ends • Endonuclease activity: No • Reverse transcriptase activity: No • 5'3'exonuclease activity: No • 3'5'exonuclease activity: Yes 	<ul style="list-style-type: none"> • High-fidelity PCR • Long and complex amplifications • Gene cloning • Mutation analysis • Standard PCR • In situ PCR 	<i>Pfu</i> DNA Polymerase
Long Amplification	<ul style="list-style-type: none"> • Size of PCR products: up to 15 Kb from genomic DNA up to 40 Kb from lambda DNA • 5'3'exonuclease activity: Yes • 3'5'exonuclease activity: Yes 	<ul style="list-style-type: none"> • Cloning: PCR product can be used in T/A cloning as well as blunt-ended cloning • The kit is not recommended for sequencing uses 	Certamp for long amplification
Complex Amplification	<ul style="list-style-type: none"> • Size of PCR products up to 8Kb • 5'3'exonuclease activity: Yes • 3'5'exonuclease activity: Yes • PCR cloning: Blunt ends and T/A 	<ul style="list-style-type: none"> • Amplification of genomic DNA • Amplification of GC-rich templates • Amplification of DNA targets with secondary structure • Amplification from low amounts of templates (≥0.5pg) 	Certamp for complex amplification

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

Ordering information

Ref.	Product	Format	Ref.	Product	Format
10.002	Biotools DNA polymerase 1U/μl BS	500 U	10.221	Ultratools 1U/μl BS	100 U
10.003	Biotools DNA polymerase 1U/μl BS	1.000 U	10.222	Ultratools 1U/μl BS	250 U
10.004	Biotools DNA polymerase 1U/μl BS	5.000 U	10.231	Ultratools 1U/μl BF	100 U
10.012	Biotools DNA polymerase 1U/μl BF	500 U	10.232	Ultratools 1U/μl BF	250 U
10.013	Biotools DNA polymerase 1U/μl BF	1.000 U			
10.014	Biotools DNA polymerase 1U/μl BF	5.000 U	4552	Ultratools 5U/μl BF	100 U
			4553	Ultratools 5U/μl BF	250 U
10.042	Biotools DNA polymerase 5U/μl BS	500 U			
10.043	Biotools DNA polymerase 5U/μl BS	1.000 U	10.501	Biotools Pfu DNA Polymerase 1U/μl BS	100 U
10.044	Biotools DNA polymerase 5U/μl BS	5.000 U	10.502	Biotools Pfu DNA Polymerase 1U/μl BS	250 U
10.047	Biotools DNA polymerase 5U/μl BF	500 U	10.511	Biotools Pfu DNA Polymerase 1U/μl BF	100 U
18.042	Biotools DNA polymerase 5U/μl BF	1.000 U	10.512	Biotools Pfu DNA Polymerase 1U/μl BF	250 U
10.049	Biotools DNA polymerase 5U/μl BF	5.000 U			
4547	Biotools DNA polymerase 5U/μl BF	10.000 U	4555	Biotools Pfu DNA Polymerase 5U/μl BF	100 U
			4556	Biotools Pfu DNA Polymerase 5U/μl BF	250 U
10.531	Biotools HotSplit DNA polymerase 1U/μl BF	250 U			
10.532	Biotools HotSplit DNA polymerase 1U/μl BF	500 U	10.332	Certamp for Long Amplification	250 rxns
10.533	Biotools HotSplit DNA polymerase 1U/μl BF	1.000 U	10.333	Certamp for Long Amplification	500 rxns
4549	Biotools HotSplit DNA polymerase 5U/μl BF	500 U	10.342	Certamp for Complex Amplification	250 rxns
4550	Biotools HotSplit DNA polymerase 5U/μl BF	1.000 U	10.343	Certamp for Complex Amplification	500 rxns

* **BS** (incl. 10x Standard Reaction Buffer with MgCl₂)

** **BF** (incl. 10 x Reaction Buffer MgCl₂ Free + 50 mM MgCl₂ solution)



CUSTOMER SERVICE: technicalsupport@biotools.eu

www.biotools.eu



BIOTOOLS
BIOTCO S R&M LABS S.A.

Biotoools, B & M Labs, S.A.

Valle de Tobalina, 52 Nave 39 28021 Madrid-Spain Phone: + 34 91 710 00 74 Fax:+ 34 91 505 31 18 info@biotools.eu
www.biotools.eu