

PCR Reagents





***TaqNova* Polymerase Family:**

- Validated for a wide range of templates and applications
- Extreme yield even with minimal amounts of enzyme and low DNA concentrations
- Available also for direct gel loading of PCR products, for specific amplification of difficult templates (hot-start) and as ready-to-use all-in one tube master mixes

It is very important for the user to choose the polymerase most suited to their application. A polymerase selection table is provided to facilitate your choice.

	PRODUCT	PROPERTIES						APPLICATIONS									
		Template length	Hot-start	Proofreading activity	High processivity	Mixes	Direct gel loading	Routine PCR	High specificity assays	High-fidelity PCR	Difficult templates	GC-rich templates	Diagnostic PCR	Long Range PCR (> 10 kb)	Site-directed mutagenesis	Blunt-end cloning	TA cloning
DNA POLYMERASES	<i>TaqNova</i>	< 5 kb				✓		✓					✓				✓
	<i>TaqNova-RED</i>	< 5 kb				✓	✓	✓					✓				✓
	<i>TaqNovaHS</i>	< 5 kb	✓						✓		✓		✓				✓
	<i>TaqNovaGC</i>	< 5 kb									✓	✓	✓				✓
	<i>Hypernova</i>	< 10 kb		✓	✓	✓				✓	✓		✓		✓	✓	
	<i>Hypernova-RED</i>	< 10 kb		✓	✓	✓	✓			✓	✓		✓		✓	✓	
	<i>LongNova</i>	< 20 kb			✓	✓	✓				✓			✓	✓		✓
	<i>LongNova-RED</i>	< 20 kb			✓	✓	✓	✓			✓			✓	✓		✓
ENHANCERS	<i>PCR Anti-inhibitor</i>											✓					
	<i>SSB Proteins</i>								✓		✓	✓					
	<i>5x GC-Additive</i>										✓	✓					

PCR REAGENTS

Product Name	Description	Cat. No.	Size	Price
Thermostable DNA polymerases from <i>Thermus aquaticus</i> (TAQ POLYMERASES)				
TaqNovaDNA Polymerase	Taq DNA polymerase suited to a wide range of applications, fast and very efficient; universal and easy-to-use; half-life of the enzyme is 45 minutes at 95°C; shows 5'-3' exonuclease activity; does not have 3'-5' exonuclease activity; adds A on the 3' ends.	RP702A	200 U (5 U/μl)	28,86 €
		RP705A	500 U (5 U/μl)	51,20 €
		RP710A	1000 U (5 U/μl)	81,27 €
		RP725A	2500 U (5 U/μl)	154,30 €
2x PCR TaqNova-RED	2x concentrated, ready-to-use PCR master mix with TaqNova polymerase that facilitates an easy and rapid PCR reaction set-up.	RP85T	100 rxns (50 μl)	29,73 €
		RP85T-100	1000 rxns (50 μl)	143,18 €
TaqNovaGC DNA Polymerase	Taq DNA polymerase ideal for amplification on GC-rich templates; ideal for problematic templates that fail with standard Taq DNA polymerases.	RP73-020	200 U (5 U/μl)	38,32 €
		RP73-100	1000 U (5 U/μl)	131,39 €
TaqNovaHS DNA Polymerase	Mixture of thermostable Taq DNA polymerase and a highly specific monoclonal antibody, that acts as an inhibitor of the polymerization activity (for Hot-Start PCR technique); high PCR specificity with minimal optimization; fast 3-minutes enzyme activation time; very efficient.	RP902A	200 U (5 U/μl)	62,66 €
		RP905A	500 U (5 U/μl)	129,95 €
		RP910A	1000 U (5 U/μl)	213,00 €
		RP925A	2500 U (5 U/μl)	420,61 €
2x PCR TaqNovaHS	2x concentrated, ready-to-use PCR master mix with TaqNovaHS (Hot-Start) polymerase that facilitates an easy and rapid PCR reaction set-up; without red dye.	RP90H	100 rxns (50 μl)	61,23 €
		RP90H-10	1000 rxns (50 μl)	348,27 €
Proofreading Polymerases and related products				
Hypernova DNA Polymerase	Unique blend of a modified highly thermostable and proofreading DNA polymerase Pwo isolated from <i>Pyrococcus woesei</i> and enzymes increasing yield and performance of the PCR reaction; can generate long amplicons (over 10 kb).	RP232	200 U (5 U/μl)	53,18 €
		RP235	1000 U (5 U/μl)	204,55 €
2x PCR Hypernova-RED	2x concentrated, ready-to-use PCR master mix with Hypernova polymerase that facilitates an easy and rapid PCR reaction set-up.	RP85	100 rxns (50 μl)	61,36 €
		RP85-10	1000 rxns (50 μl)	426,82 €
PCR ENHANCERS & PCR WATER				
PCR Anti-inhibitor	PCR additive use for elimination of PCR inhibitors coextracted with the DNA; amplification of problematic templates, isolated from: urine, stool, saliva, sputum, blood, swabs, biopsy materials, etc.	RP50	100 rxns	38,32 €
		EM06-250	500 rxns	139,98 €
5x GC Additive	PCR additive for GC-rich templates; reduces quantity of secondary structures and enables a specific hybridization of primers.	RP516	1 mL	28,30 €
		RP517	5x 1 mL	88,43 €
Just Water	Ready to use Molecular Biology Grade water, suitable for use in all molecular biology applications, providing high purity with the complete absence of DNase and RNase.	5JWA-50	50 x 1ml	45,00 €



Biolab Innovative
Research Technologies



labclinics

www.labclinics.com

T: +34 93 446 47 00 | pedidos@labclinics.com

DEOXYRIBONUCLEOTIDES (dNTPs); ultra-pure, shelf-life of 24 months at -20°C; lithium salts

dNTPs MIX 100 mM Total	Deoxyribonucleotides Mix (25 mM dATP, 25 mM dCTP, 25 mM dGTP, 25 mM dTTP), ultra-pure; supplied as lithium salts.	RP65	1 mL	138,55 €
dNTPs SET 100 mM Total	100 mM of each dNTPs in separate tubes; ultra-pure; supplied as lithium salts.	RP675	4x 1 mL	397,70 €

PCR PLASTIC CONSUMABLES

Brand	Description	Cat. No.	Size	Price
Labclinics	1,5 mL Microcentrifuge Tube, Dnase & RNase free, clear	PLC60015	5.000 units	90,15 €
Labclinics	SPL SEAL™ PCR Film	PLC96000	100 units	65,00 €
Biologix	PCR Single Tubes; Flat-Top Cap, Dnase & Rnase free, clear	60-0082	1000 units	20,30 €
Biologix	PCR Single Tubes; Dome-shaped Cap, Dnase & Rnase free, clear	60-0002	1000 units	20,30 €
Biologix	8-Strip PCR Tubes; Flat-Top Cap, Dnase & Rnase free, clear	60-0088	125 units	29,00 €
Biologix	8-Strip PCR Tubes; Dome-shaped Cap, Dnase & Rnase free, clear	60-0008	125 units	29,00 €
Biologix	96-well PCR Plates; Half-Skirted, Dnase & Rnase free, clear	60-0056	25 units	39,56 €

**Biologix Cat. No. 60-0082****Biologix Cat. No. 60-0002****Biologix Cat. No. 60-0088****Biologix Cat. No. 60-0008****Biologix Cat. No. 60-0056****LC Cat. No. PLC960000**

This promotion is valid until **24/12/2019**. VAT not included in the price. This promotion cannot be combined with other discounts. Promotional code: **BLIRT-PCR**. Send an email to tecnic@labclinics.com for more information or visit www.labclinics.com