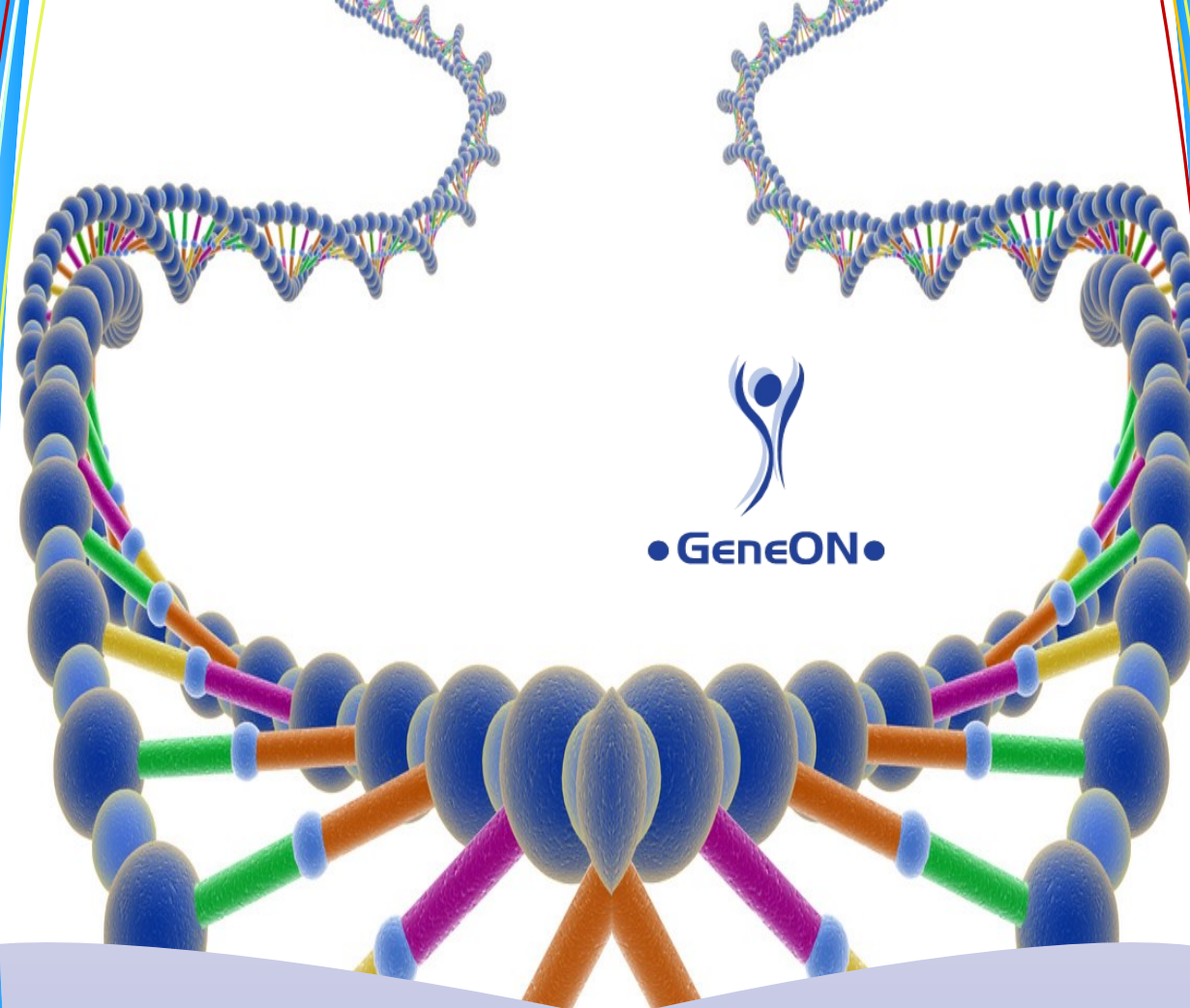


Productlist

Description	Cat.-no	Amount
Maximo Taq DNA Polymerase	S101	500 units
Maximo Taq DNA Polymerase (2X pre-mix, ready-to-use)	S113	100 rcs
Maximo Blue-Taq DNA Polymerase (ready-to-load, conc. 1u/μl)	S111	500 units
Maximo DFS-Plus Taq DNA Polymerase DNA-free	N140	500 units
Maximo H-SPlus Taq DNA Polymerase (for Hot-Start PCR)	S400	200 units
SNPase "Hot-Start-Polymerase for SNP-Genotyping"	S500	500 units
Maximo M-SuperhotTaq DNA Polymerase (qPCR)	S105	200 units
m-AntiTaQ (monoclonal antibody)	S131	100 μg
Maximo H-SPlus LYO-TaQ DNA Polymerase (water based buffer) for lyophilisation	S400-GF	200 units
Bst DNA Polymerase	A600	2000 units
Pfu DNA Polymerase	S116	250 units
Pfu DNA Polymerase (2X Pre-mix, ready to use)	S121	100 rcs
UDG (Uracil-DNA Glycosylase)	111-005	200 units
One-Fusion DNA Polymerase	S450	200 units



• GeneON •

PCR

Hot-Start

www.geneon.technology



Hot-Start PCR DNA Amplification

PCR - the revolutionary method:

GeneOn offers well selected product range for your successful Hot-Start PCR-amplification:

Hot-Start PCR:

reduces non-specific amplification during the initial set up. Specialized enzyme systems have been developed that inhibit the polymerase's activity at ambient temperature, either by the binding of an antibody, by the presence of covalently bound inhibitors or by aptamers that dissociate only after a high-temperature activation step. As an alternative: Monoclonal Antibodies available for your "homemade" Hotstart PCR Taq Polymerase.



Product for Hot-Start PCR	Features	Amount	Cat.-no
H-SPlus-Taq / H-SPlus LYO DNA Polymerase	<ul style="list-style-type: none"> – ultra-short activation time – For "high-yield" Hot-Start PCR results – Ready for lyophilisation in glycerol free content 	200 units	S400
		1000 units	S410
Maximo M-SuperhotTaq DNA Polymerase	<ul style="list-style-type: none"> – Hot Start and real time PCR – Multiplex PCR – Amplification of complex genomic and cDNA templates – no primer-dimers and other artefacts; inactive at room temperature – short activation time for real time PCR – enhanced PCR sensitivity 	200 units	S105
		5x200 units	S106
		1x5000 units	S107
one-Fusion high-speed-fidelity PCR	<ul style="list-style-type: none"> – Superior fidelity – about 50x improvement compared to Taq polymerase – Long range amplification of complex targets - > 12 kb gDNA – High speed - short-time cyclers protocol 	200 units	S450
		1000 units	S455
SNPase (HS) for SNP-Genotyping	<ul style="list-style-type: none"> – High specific PCR – Multiplex PCR – Real-Time PCR with intercalation dyes – high fidelity dNTPs and ddNTPs – Mini-Sequencing, SNP-genotyping 	500 units	S500
		2500 units	S505