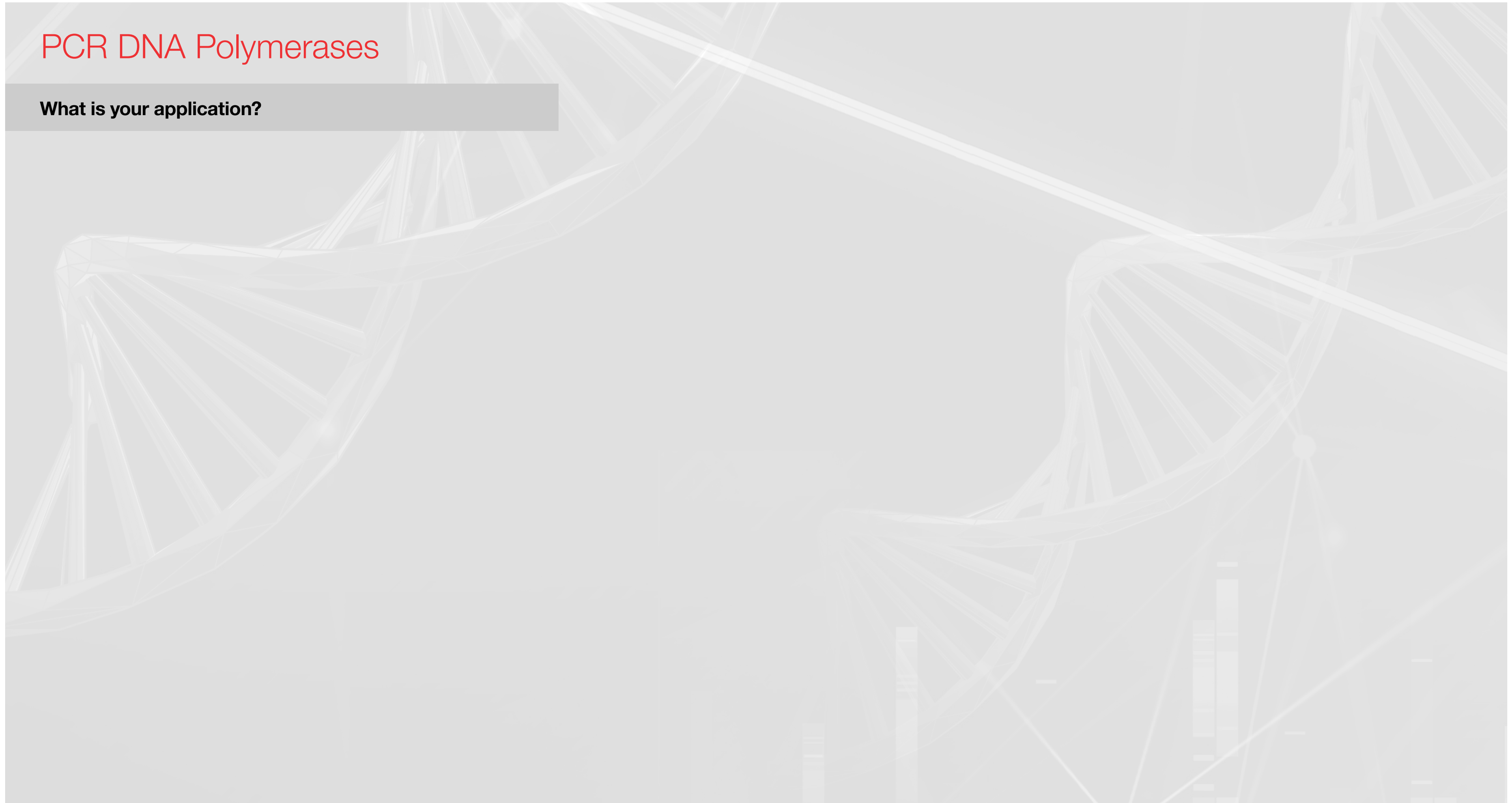


Find high-quality OEM enzymes optimized for molecular assay development

Select the category of enzymes you need (PCR DNA Polymerases, Reverse Transcriptases, or Modifying Enzymes). Then answer a series of simple questions to get the best OEM enzymes for your research and experiments.

PCR DNA Polymerases

What is your application?



PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?



PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Enzymes	Ampli <i>Taq</i> [™] DNA Polymerase	Ampli <i>Taq</i> [™] 360 DNA Polymerase	<i>Taq</i> DNA Polymerase, recombinant
Brand	Applied Biosystems [™]	Applied Biosystems [™]	Thermo Scientific [™]
TaqMan[™] probe compatible	Yes	Yes	Yes
Proofreading activity (3'-5' exonuclease)	No	No	No
Lyo-ready	On request	On request	On request
Inhibitor tolerance	•	•	•
Extention rate	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb
Benchtop stability	No	No	No
GC-rich target amplification	Standard < 65% GC	★ High > 65% GC	Standard < 65% GC
Fidelity vs <i>Taq</i> Pol	Standard (1x)	Standard (1x)	Standard (1x)

★ Uses GC enhancer

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need lyo-ready available Now?

Enzymes	Platinum™ II <i>Taq</i> Hot-Start DNA polymerase	Platinum™ <i>Taq</i> DNA Polymerase, DNA-free	Platinum™ <i>Taq</i> DNA Polymerase	Ampli <i>Taq</i> Gold™ 360 DNA Polymerase	Ampli <i>Taq</i> Gold™ DNA Polymerase	Liberty <i>Taq</i> DNA Polymerase
Brand	Invitrogen™	Invitrogen™	Invitrogen™	Applied Biosystems™	Applied Biosystems™	Thermo Scientific™
TaqMan™ probe compatible	Yes	Yes	Yes	Yes	Yes	No
Proofreading activity (3'-5' exonuclease)	No	No	No	No	No	No
Lyo-ready	Yes	On request	Yes	On request	Yes	Yes
Inhibitor tolerance	•••	•	•	•	•	•
Extention rate	Fast < 10-30 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb
Benchtop stability	Yes	Yes	Yes	Yes	Yes	Yes
GC-rich target amplification	★ High > 65% GC	Standard < 65% GC	★ High > 65% GC	★ High > 65% GC	Standard < 65% GC	Standard < 65% GC
Fidelity vs <i>Taq</i> Pol	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)

★ Uses GC enhancer

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need lyo-ready available Now?

Enzymes	Platinum™ II <i>Taq</i> Hot-Start DNA polymerase	Platinum™ <i>Taq</i> DNA Polymerase	Ampli <i>Taq</i> Gold™ DNA Polymerase	Liberty <i>Taq</i> DNA Polymerase
Brand	Invitrogen™	Invitrogen™	Applied Biosystems™	Thermo Scientific™
TaqMan™ probe compatible	Yes	Yes	Yes	No
Proofreading activity (3'-5' exonuclease)	No	No	No	No
Lyo-ready	Yes	Yes	Yes	Yes
Inhibitor tolerance	•••	•	•	•
Extention rate	Fast < 10-30 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb
Benchtop stability	Yes	Yes	Yes	Yes
GC-rich target amplification	★ High > 65% GC	★ High > 65% GC	Standard < 65% GC	Standard < 65% GC
Fidelity vs <i>Taq</i> Pol	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)

★ Uses GC enhancer

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need lyo-ready available Now?

Enzymes	Platinum™ <i>Taq</i> DNA Polymerase, DNA-free	Ampli <i>Taq</i> Gold™ 360 DNA Polymerase
Brand	Invitrogen™	Applied Biosystems™
<i>TaqMan</i> ™ probe compatible	Yes	Yes
Proofreading activity (3'-5' exonuclease)	No	No
Lyo-ready	On request	On request
Inhibitor tolerance	•	•
Extention rate	Standard > 30-60 sec/kb	Standard > 30-60 sec/kb
Benchtop stability	Yes	Yes
GC-rich target amplification	Standard < 65% GC	★ High > 65% GC
Fidelity vs <i>Taq</i> Pol	Standard (1x)	Standard (1x)

★ Uses GC enhancer

PCR DNA Polymerases

What is your application?

Relative fidelity compared to Standard *Taq* Polymerase?

Enzymes	Platinum™ SuperFi II DNA Polymerase	Platinum™ SuperFi™ DNA Polymerase	Phusion™ Plus DNA Polymerase	Phusion™ Hot Start II DNA Polymerase	Phusion™ High-Fidelity DNA Polymerase	Phusion™ U Hot Start DNA Polymerase	Platinum™ <i>Taq</i> DNA Polymerase, High Fidelity	AccuPrime™ <i>Taq</i> DNA Polymerase, High Fidelity
Brand	Invitrogen™	Invitrogen™	Thermo Scientific™	Thermo Scientific™	Thermo Scientific™	Thermo Scientific™	Invitrogen™	Invitrogen™
Applications	End-point PCR	End-point PCR	End-point PCR	End-point PCR	End-point PCR	End-point PCR	End-point PCR	End-point PCR
Hot start	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
<i>TaqMan</i>™ probe compatible	No	No	No	No	No	No	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lyo-ready	On request	Yes	On request	Yes	On request	On request	On request	On request
Inhibitor tolerance	●●●	●●●	●●●	●●	●●	●●	●	●
Extention rate	●●●	●●●	●●●	●●●	●●●	●●●	●●	●●
Benchtop stability	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
GC-rich target amplification	High	High	High	High	High	High	Standard	Standard
Fidelity vs <i>Taq</i> Pol	High (300x)	High (300x)	Medium (100x)	Medium (52x)	Medium (52x)	Low (25x)	Low (6x)	Low (9x)

PCR DNA Polymerases

What is your application?

Relative fidelity compared to Standard *Taq* Polymerase?

Enzymes	Platinum™ <i>Taq</i> DNA Polymerase, High Fidelity	Phusion™ U Hot Start DNA Polymerase	AccuPrime™ <i>Taq</i> DNA Polymerase, High Fidelity
Brand	Invitrogen™	Thermo Scientific™	Invitrogen™
Hot Start	Yes	Yes	Yes
<i>TaqMan</i>™ probe compatible	No	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes	Yes
Lyo-ready	On request	On request	On request
Inhibitor tolerance	•	••	•
Extention rate	Standard > 30-60 sec/kb	Fast < 10-30 sec/kb	Standard > 30-60 sec/kb
Benchtop stability	Yes	Yes	Yes
GC-rich target amplification	Standard < 65% GC	High > 65% GC	Standard < 65% GC
Fidelity vs <i>Taq</i> Pol	Low (6x)	Low (25x)	Low (9x)

PCR DNA Polymerases

What is your application?

Relative fidelity compared to Standard *Taq* Polymerase?

Enzymes	Phusion™ Plus DNA Polymerase	Phusion™ High-Fidelity DNA Polymerase	Phusion™ Hot Start II DNA Polymerase
Brand	Thermo Scientific™	Thermo Scientific™	Thermo Scientific™
Hot Start	Yes	No	Yes
TaqMan™ probe compatible	No	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes	Yes
Lyo-ready	On request	On request	Yes
Inhibitor tolerance	•••	••	••
Extention rate	Fast < 10-30 sec/kb	Fast < 10-30 sec/kb	Fast < 10-30 sec/kb
Benchtop stability	Yes	No	Yes
GC-rich target amplification	High > 65% GC	High > 65% GC	High > 65% GC
Fidelity vs <i>Taq</i> Pol	Medium (100x)	Medium (52x)	Medium (52x)

PCR DNA Polymerases

What is your application?

Relative fidelity compared to Standard *Taq* Polymerase?

Enzymes	Platinum™ SuperFi II DNA Polymerase	Platinum™ SuperFi™ DNA Polymerase
Brand	Invitrogen™	Invitrogen™
Hot Start	Yes	Yes
TaqMan™ probe compatible	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes
Lyo-ready	On request	Yes
Inhibitor tolerance	•••	•••
Extention rate	Fast < 10-30 sec/kb	Fast < 10-30 sec/kb
Benchtop stability	Yes	Yes
GC-rich target amplification	High > 65% GC	High > 65% GC
Fidelity vs <i>Taq</i> Pol	High (300x)	High (300x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Enzymes	Dream <i>Taq</i> DNA Polymerase	Ampli <i>Taq</i> [™] DNA Polymerase	Ampli <i>Taq</i> [™] 360 DNA Polymerase	<i>Taq</i> DNA Polymerase, recombinant	Phusion [™] High-Fidelity DNA Polymerase	Klen <i>Taq</i> DNA Polymerase
Brand	Thermo Scientific [™]	Applied Biosystems [™]	Applied Biosystems [™]	Thermo Scientific [™]	Thermo Scientific [™]	Thermo Scientific [™]
<i>TaqMan</i>[™] probe compatible	Yes	Yes	Yes	Yes	No	No
Proofreading activity (3'-5' exonuclease)	No	No	No	No	Yes	No
Lyo-ready	On request	On request	On request	On request	On request	Yes
Inhibitor tolerance	•	•	•	•	••	•
Extention rate	••	••	••	••	•••	••
Benchtop stability	No	No	No	No	No	No
GC-rich target amplification	Standard	Standard	High	Standard	High	Standard
Fidelity vs <i>Taq</i> Pol	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)	Medium (52x)	Standard (1x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

Working with 65+% GC-rich targets?

Enzymes	Platinum™ SuperFi II DNA Polymerase	Platinum™ SuperFi™ DNA Polymerase	Phusion™ Plus DNA Polymerase	Phusion™ Hot Start II DNA Polymerase	Phusion™ U Hot Start DNA Polymerase	Platinum™ Taq DNA Polymerase, High Fidelity	AccuPrime™ Taq DNA Polymerase, High Fidelity
Brand	Invitrogen™	Invitrogen™	Thermo Scientific™	Thermo Scientific™	Thermo Scientific™	Invitrogen™	Invitrogen™
TaqMan™ probe compatible	No	No	No	No	No	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lyo-ready	On request	Yes	On request	Yes	On request	On request	On request
Inhibitor tolerance	●●●	●●●	●●●	●●	●●	●	●
Extention rate	●●●	●●●	●●●	●●●	●●●	●●	●●
Benchtop stability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GC-rich target amplification	High	High	High	High	High	Standard	Standard
Fidelity vs Taq Pol	High (300x)	High (300x)	Medium (100x)	Medium (52x)	Low (25x)	Low (6x)	Low (9x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

Working with 65+% GC-rich targets?

Enzymes	Platinum™ SuperFi II DNA Polymerase	Platinum™ SuperFi™ DNA Polymerase	Phusion™ Plus DNA Polymerase	Phusion™ Hot Start II DNA Polymerase	Phusion™ U Hot Start DNA Polymerase
Brand	Invitrogen™	Invitrogen™	Thermo Scientific™	Thermo Scientific™	Thermo Scientific™
TaqMan™ probe compatible	No	No	No	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes	Yes	Yes	Yes
Lyo-ready	On request	Yes	On request	Yes	On request
Inhibitor tolerance	●●●	●●●	●●●	●●	●●
Extention rate	●●●	●●●	●●●	●●●	●●●
Benchtop stability	Yes	Yes	Yes	Yes	Yes
GC-rich target amplification	High	High	High	High	High
Fidelity vs Taq Pol	High (300x)	High (300x)	Medium (100x)	Medium (52x)	Low (25x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

Working with 65+% GC-rich targets?

Enzymes	Platinum™ Taq DNA Polymerase, High Fidelity	AccuPrime™ Taq DNA Polymerase, High fidelity
Brand	Invitrogen™	Invitrogen™
TaqMan™ probe compatible	No	No
Proofreading activity (3'-5' exonuclease)	Yes	Yes
Lyo-ready	On request	On request
Inhibitor tolerance	•	•
Extention rate	••	••
Benchtop stability	Yes	Yes
GC-rich target amplification	Standard	Standard
Fidelity vs Taq Pol	Low (6x)	Low (9x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

Working with 65+% GC-rich targets?

Enzymes	Platinum™ Taq DNA Polymerase, DNA-free	Platinum™ Taq DNA Polymerase	AmpliTaq Gold™ 360 DNA Polymerase	AmpliTaq Gold™ DNA Polymerase	DreamTaq™ Hot Start DNA Polymerase	Phire Hot Start II DNA Polymerase	LibertyTaq DNA Polymerase
Brand	Invitrogen™	Invitrogen™	Applied Biosystems™	Applied Biosystems™	Thermo Scientific™	Invitrogen™	Thermo Scientific™
TaqMan™ probe compatible	Yes	Yes	Yes	Yes	Yes	No	Yes
Proofreading activity (3'-5' exonuclease)	No	No	No	No	No	Yes	No
Lyo-ready	On request	Yes	On request	Yes	On request	Yes	Yes
Inhibitor tolerance	*	*	*	*	*	**	*
Extention rate	**	**	**	**	**	***	**
Benchtop stability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GC-rich target amplification	Standard	High	High	Standard	Standard	Standard	Standard
Fidelity vs Taq Pol	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)	Standard (1x)	Low (2x)	Standard (1x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

Working with 65+% GC-rich targets?

Enzymes	Platinum™ Taq DNA Polymerase	AmpliTaq Gold™ 360 DNA Polymerase
Brand	Invitrogen™	Applied Biosystems™
TaqMan™ probe compatible	Yes	Yes
Proofreading activity (3'-5' exonuclease)	No	No
Lyo-ready	Yes	On request
Inhibitor tolerance	*	*
Extention rate	**	**
Benchtop stability	Yes	Yes
GC-rich target amplification	High	High
Fidelity vs Taq Pol	Standard (1x)	Standard (1x)

PCR DNA Polymerases

What is your application?

Need Hot-Start PCR?

Need high fidelity PCR?

Working with 65+% GC-rich targets?

Enzymes	Platinum™ Taq DNA Polymerase, DNA-free	AmpliTaq Gold™ DNA Polymerase	DreamTaq™ Hot Start DNA Polymerase	Phire Hot Start II DNA Polymerase	LibertyTaq DNA Polymerase
Brand	Invitrogen™	Applied Biosystems™	Thermo Scientific™	Invitrogen™	Thermo Scientific™
TaqMan™ probe compatible	Yes	Yes	Yes	No	Yes
Proofreading activity (3'-5' exonuclease)	No	No	No	Yes	No
Lyo-ready	On request	Yes	On request	Yes	Yes
Inhibitor tolerance	*	*	*	**	*
Extention rate	**	**	**	***	**
Benchtop stability	Yes	Yes	Yes	Yes	Yes
GC-rich target amplification	Standard	Standard	Standard	Standard	Standard
Fidelity vs Taq Pol	Standard (1x)	Standard (1x)	Standard (1x)	Low (2x)	Standard (1x)

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

The background of the slide features a stylized, light gray DNA double helix structure that spans across the width of the page. Below the helix, there are faint, vertical bands of varying heights and widths, resembling a gel electrophoresis result. The overall aesthetic is clean and scientific, with a focus on molecular biology.

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Enzymes	M-MLV Reverse Transcriptase	RevertAid Reverse Transcriptase	AMV Reverse Transcriptase
Brands	Invitrogen™	Thermo Scientific™	Invitrogen™
Lyo-ready	Yes	Yes	On request
Sensitivity	•	•	•
Inhibitor resistance	Low	Low	Low
Reaction speed	•	•	•
Optimal reaction temp	37° -42C	37° -42C	37° -42C
Trancript length	•	••	•
GC-rich target amplification	Standard	Standard	Standard
RNase H activity	Yes	Yes	Yes
Template switch	No	No	No

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Enzymes	SuperScript™ III Reverse Transcriptase	SuperScript™ II Reverse Transcriptase
Brands	Invitrogen™	Invitrogen™
Lyo-ready	Yes	On request
Sensitivity	••	••
Inhibitor resistance	Medium	Medium
Reaction speed	••	•
Optimal reaction temp	50° C	50° C
Trascript length	••	••
GC-rich target amplification	High	High
RNase H activity	Yes	Yes
Template switch	No	No

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Enzymes	SuperScript™ Reverse Transcriptase, 1-Step RT-qPCR
Brands	Invitrogen™
Lyo-ready	Yes
Sensitivity	••
Inhibitor resistance	High
Reaction speed	•
Optimal reaction temp	50° C
Trascript length	••
GC-rich target amplification	High
RNase H activity	Yes
Template switch	No

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Enzymes	M-MLV Reverse Transcriptase	RevertAid Reverse Transcriptase	AMV Reverse Transcriptase	RevertAid H Minus Reverse Transcriptase
Brands	Invitrogen™	Thermo Scientific™	Invitrogen™	Thermo Scientific™
Lyo-ready	Yes	Yes	On request	Yes
Sensitivity	•	•	•	•
Inhibitor resistance	Low	Low	Low	Low
Reaction speed	•	•	•	•
Optimal reaction temp	37° -42C	37° -42C	37° -42C	37° -42C
Trancript length	•	••	•	••
GC-rich target amplification	Standard	Standard	Standard	Standard
RNase H activity	Yes	Yes	Yes	No
Template switch	No	No	No	No

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Enzymes	SuperScript™ III Reverse Transcriptase	SuperScript™ II Reverse Transcriptase	Maxima Reverse Transcriptase	Maxima H Minus Reverse Transcriptase
Brands	Invitrogen™	Invitrogen™	Thermo Scientific™	Thermo Scientific™
Lyo-ready	Yes	On request	Yes	Yes
Sensitivity	••	••	••	••
Inhibitor resistance	Medium	Medium	Medium	Medium
Reaction speed	••	•	•••	•••
Optimal reaction temp	50° C	50° C	50° C	50° C
Trancrypt length	••	••	••	••
GC-rich target amplification	High	High	Standard	Standard
RNase H activity	Yes	Yes	Yes	No
Template switch	No	No	Yes	No

Reverse Transcriptases

What is your RT-PCR / RT-qPCR application?

Inhibitor tolerance?

Enzymes	SuperScript™ IV Reverse Transcriptase
Brands	Invitrogen™
Lyo-ready	Yes
Sensitivity	●●●
Inhibitor resistance	High
Reaction speed	●●●
Optimal reaction temp	50° C
Trascript length	●●●
GC-rich target amplification	High
RNase H activity	No
Template switch	Yes

Modifying Enzymes

What is your analyte?



Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Thermo Scientific™	Poly(A) Polymerase, Yeast	IVT, Cloning, Labeling
Thermo Scientific™	T7 RNA Polymerase	IVT
Thermo Scientific™	Terminal Deoxynucleotidyl Transferease	Cloning, NGS library preparation
Thermo Scientific™	SP6 RNA Polymerase	IVT, NGS library preparation
Thermo Scientific™	T3 RNA Polymerase	IVT, NGS library preparation

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Thermo Scientific™	RNase A/T1 mix	NA preparation
Thermo Scientific™	RNase A	NA preparation, NGS library preparation
Thermo Scientific™	RNase I	NA preparation
Thermo Scientific™	Ribonuclease H (RNase H)	PCR, Cloning, NGS library preparation
Thermo Scientific™	RNase T1	NA preparation, NGS library preparation

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Thermo Scientific™	T4 Polynucleotide Kinase	Cloning, NGS library preparation, Labeling
Thermo Scientific™	T4 RNA Ligase	Cloning, NGS library preparation
Thermo Scientific™	S1 Nuclease	Cloning, NGS library preparation
Thermo Scientific™	FastAP Thermosensitive Alkaline Phosphatase	Cloning, PCR

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Thermo Scientific™	RiboLock RNase Inhibitor	PCR, isothermal amplification, IVT
Invitrogen™	RnaseOUT™ Recombinant Ribonuclease Inhibitor	PCR, isothermal amplification, IVT
Applied Biosystem™	RNase Inhibitor	PCR, isothermal amplification, IVT
Invitrogen™	Superase-In™ RNase Inhibitor	PCR, isothermal amplification, IVT

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Invitrogen™	DNA Polymerase I	Cloning, NGS library preparation, Labeling
Thermo Scientific™	KleNow Fragement	Cloning, NGS library preparation, Labeling
Thermo Scientific™	KleNow Fragment, exo-	NGS library preparation, Labeling
Thermo Scientific™	T4 DNA Polymerase	IVT, Cloning
Thermo Scientific™	T7 DNA Polymerase	Cloning, NGS library preparation, Labeling
Thermo Scientific™	Terminal Deoxynucleotidyl Transferease	Cloning, NGS library preparation
Thermo Scientific™	Phi29 DNA Polymerase	Isothermal amplification
Thermo Scientific™	EquiPhi29™ DNA Polymerase	Isothermal amplification
Thermo Scientific™	Bst DNA Polymerase	Isothermal amplification, NGS library preparation
Thermo Scientific™	Bsm DNA Polymerase. Large fragment	Isothermal amplification, NGS library preparation

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Thermo Scientific™	Endonuclease V, T.maritima	Cloning, NGS library preparation
Thermo Scientific™	Endonuclease IV, E.coli	PCR, NGS library preparation
Thermo Scientific™	Exonuclease I	PCR, NGS library preparation
Thermo Scientific™	Exonuclease VII	PCR, NGS library preparation
Thermo Scientific™	Exonuclease III	PCR, NGS library preparation
Thermo Scientific™	T7 Gene 6 Exonuclease	PCR, Cloning
Thermo Scientific™	Lambda Exonuclease	PCR, Cloning
Thermo Scientific™	S1 Nuclease	Cloning, NGS library preparation
Thermo Scientific™	Dnase I, RNase-free	PCR, IVT, NGS library preparation
Thermo Scientific™	Uracil-DNA Glycosylase, heat-labile	PCR, NGS library preparation
Thermo Scientific™	Uracil DNA Glycosylase	PCR, NGS library preparation
Thermo Scientific™	Micrococcal Nuclease	Cloning, PCR

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Application
Thermo Scientific™	FastDigest Restriction Enzymes	Cloning, PCR, IVT
Thermo Scientific™	Conventional Restriction Enzymes	Cloning, PCR, IVT
Invitrogen™	Anza Restriction Enzymes	Cloning, PCR, IVT

Modifying Enzymes

What is your analyte?

Choose the enzyme from following categories:

Brand	Enzyme	Enzyme Categories	Application
Thermo Scientific™	T4 Polynucleotide Kinase	Phosphatases & Kinases	Cloning, NGS library preparation, Labeling
Thermo Scientific™	Pyrophosphatase, iNorganic	Phosphatases & Kinases	IVT, NGS library preparation
Thermo Scientific™	T4 beta-glucosyltransferase	Transferase	PCR, NGS library preparation, Methylation analysis
Thermo Scientific™	T4 DNA Ligase	Ligase	Cloning, NGS library preparation
Thermo Scientific™	CpG methyltransferase (M.SssI)	Transferase	PCR
Thermo Scientific™	FastAP Thermosensitive Alkaline Phosphatase	Phosphatases & Kinases	Cloning, PCR
Thermo Scientific™	Single-Strand Binding Protein (SSB)	Binding Proteins	PCR, NGS library preparation
Invitrogen™	<i>E. coli</i> DNA Ligase	Ligase	Cloning, NGS library preparation
Thermo Scientific™	T4 DNA Ligase	Ligase	Cloning, NGS library preparation

Modifying Enzymes

What is your analyte?

Brand	Enzyme	Enzyme Categories	Application
Thermo Scientific™	T4 Polynucleotide Kinase	Phosphatases & Kinases	Cloning, NGS library preparation, Labeling
Thermo Scientific™	Terminal Deoxynucleotidyl Transferease	Polymerases	Cloning, NGS library preparation
Thermo Scientific™	S1 Nuclease	DNA Repair Enzymes, Exo- & Endonucleases	Cloning, NGS library preparation
Thermo Scientific™	FastAP Thermosensitive Alkaline Phosphatase	Phosphatases & Kinases	Cloning, PCR