






# Sequencing protocol comparison

Protocol	StandardSeq	RapidSeq	CleanSeq <b>updated</b>	HairpinSeq	ReadySeq
					
Brief description	Standard single read sequencing service for plasmids or PCR products	Same as StandardSeq but analyzed preferentially in sequencers and only automatic data analysis performed	Sequencing of PCR products including their enzymatic cleanup	Special sequencing protocol for hairpins, GC-rich and other problematic templates	Electrophoresis of ready sequencing products
Technology	Sanger	Sanger	Sanger	Sanger	Sanger
Sequencing direction	Forward	Forward	Forward	Forward and reverse	Forward
<b>SAMPLES</b>					
Template type	Plasmid or PCR product	Plasmid or PCR product	PCR product	Plasmid or PCR product	Sequencing reaction product
Sample purity	Purified (ready for sequencing reaction)	Purified (ready for sequencing reaction)	Unpurified	Purified (ready for sequencing reaction)	Not applicable
Compatible with SEQme universal primers	Yes	Yes	Yes	Yes	No
Sample requirements (detailed)	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
Samples stored in SEQme lab	7 days	7 days	7 days	7 days	48 hrs
<b>SHIPMENT</b>					
Plasticware	Tubes or 96-well plates	Tubes or 96-well plates	Tubes or 96-well plates	Tubes or 96-well plates	96-well plates only
Shipping temperature	Room temperature	Room temperature	Room temperature	Room temperature	Dry ice/Gel packs
Drop box compatible	Yes	Yes	Yes	Yes	No
<b>OUR SERVICE</b>					
We perform	Sequencing reaction Capillary electrophoresis Manual data analysis	Sequencing reaction Capillary electrophoresis Automatic data analysis	Sequencing reaction Capillary electrophoresis Manual data analysis	Sequencing reaction Capillary electrophoresis Manual data analysis	Capillary electrophoresis Manual data analysis
Deliverables	Length of read up to 1100 bp Data accuracy typically > 99 %	Length of read up to 1100 bp Data accuracy typically > 99 %	Length of read up to 1100 bp Data accuracy typically > 99 %	Length of read up to 1100 bp Data accuracy typically > 99 %	Length of read up to 1100 bp Data accuracy typically > 99 %
Data analysis and quality control	Automatic + Manual	Automatic only	Automatic + Manual	Automatic + Manual	Automatic + Manual
Data format	ab1, phd.1, seq	ab1, phd.1, seq	ab1, phd.1, seq	ab1, phd.1, seq	ab1, phd.1, seq
Data delivery	On line (secure access)	On line (secure access)	On line (secure access)	On line (secure access)	On line (secure access)
Data availability	2+ years	2+ years	2+ years	2+ years	2+ years
<b>WHAT MATTERS MOST</b>					
Time to results (since the delivery of samples to our lab)	Next working day	10+ hours	Next working day	Next working day	Next working day
Price	Per sample or plate	Per sample or plate	<b>Per 8 samples or per plate</b>	Per sample or plate	Per plate
Ordering	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>