



AlleleSEQR

Core Kits

Streamlined HLA Sequencing-based Typing

Sequencing-based typing has long been the Gold Standard for HLA typing. And now, as the requirement for higher resolution testing and reliable data grows, sequencing is even more important.

Complete Range HLA-A, -B, -C, -DRB1, -DQB1
and -DPB1

Single, simple protocol for all assays

BigDye™ chemistry

Throughput low to high

Complete validated kits

CE marked

HLA Sequencing-based Typing from Abbott Molecular



Sequencing-based typing continues to be the Gold Standard for HLA typing and AlleleSEQR kits provide HLA typing labs with an easy solution.

In addition, recent developments in sequencing technology and instrumentation, and the availability of Assign SBT, a rapid, easy to use software for high throughput HLA sequencing-based typing continue to make the Abbott HLA sequencing-based typing range more and more appropriate for the routine HLA typing laboratory.

For those who would like easy to use and cost effective higher resolution typing, our HLA sequencing products are making a Gold Standard technology a realistic proposition in routine.

Sequencing HLA has never been easier.

AlleleSEQR Streamlined Workflow

In this example you can see the hands on and hands off time taken to type 5 samples tested for HLA-A, -B, -Cw, -DRB1, -DQB1, -DPB1 on ABI 3100 (16 capillary)

Purified DNA	Hands on	Hands off
PCR	12 min	2 h 30 min
Agarose gel	8 min	20 min
Exo-SAP-IT PCR clean up	5 min	30 min
Sequencing reaction	22 min	1 h 10 min
Sequencing reaction clean up	18 min	40 min
Sequencing on ABI3100 16 capillary	31 min	5 h 55 min
Typing with Assign SBT	30 min	0 min
High Resolution Result	Total 2 h	Total 13 h 15 min

Product	Description	Tests	List Number
AlleleSEQR HLA-A	Single tube amplification followed by 6 sequencing reactions for exons 2, 3 and 4	25	08K60-01
AlleleSEQR HLA-B	Single tube amplification followed by 6 sequencing reactions for exons 2, 3 and 4	25	08K61-01
AlleleSEQR HLA-C	Single tube amplification followed by 4 sequencing reactions for exons 2 and 3	25	08K62-01
AlleleSEQR HLA-DRB1	Single tube amplification of exon 2 followed by 3 sequencing reactions (fwd and rev and codon 86)	25	08K63-01
AlleleSEQR HLA-DQB1	Single tube amplification of exon 2 and exon 3 followed by 3 sequencing reactions (fwd and rev of exon 2 and fwd of exon 3)	25	08K64-01
AlleleSEQR HLA-DPB1	Single tube amplification of exon 2 followed by 3 sequencing reactions (fwd and rev and codon 85)	25	08K65-01

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AlleleSEQR is manufactured for Abbott by:

