



HLA Genotyping System

Product information – ABDR



Kit	GeneFinder™ HLA-ABDR RealAmp
Sample	Human genomic DNA extracted from Whole blood
Recommended concentration	50~100ng / ul
Purity	1.6~2.0 (A260/280)
Running time	1hr 30min
Test/kit	20 tests / 1kit
Certificate	CE-IVD

▪ Contents

Label	Description	Quantity	Storage
HLA-ABDR Rxn	Reaction mixture	20 X 492 ul	-20°C
HLA-ABDR Pol.	Enzyme	2 x 88 ul	
HLA-ABDR 96 Well plate	Reaction plate	10 ea	Room temperature
Well plate adhesive film	sealing film	10 ea	

*96 well plate: 7500 standard

▪ Instruments



Applied Biosystems 7500 standard real time PCR

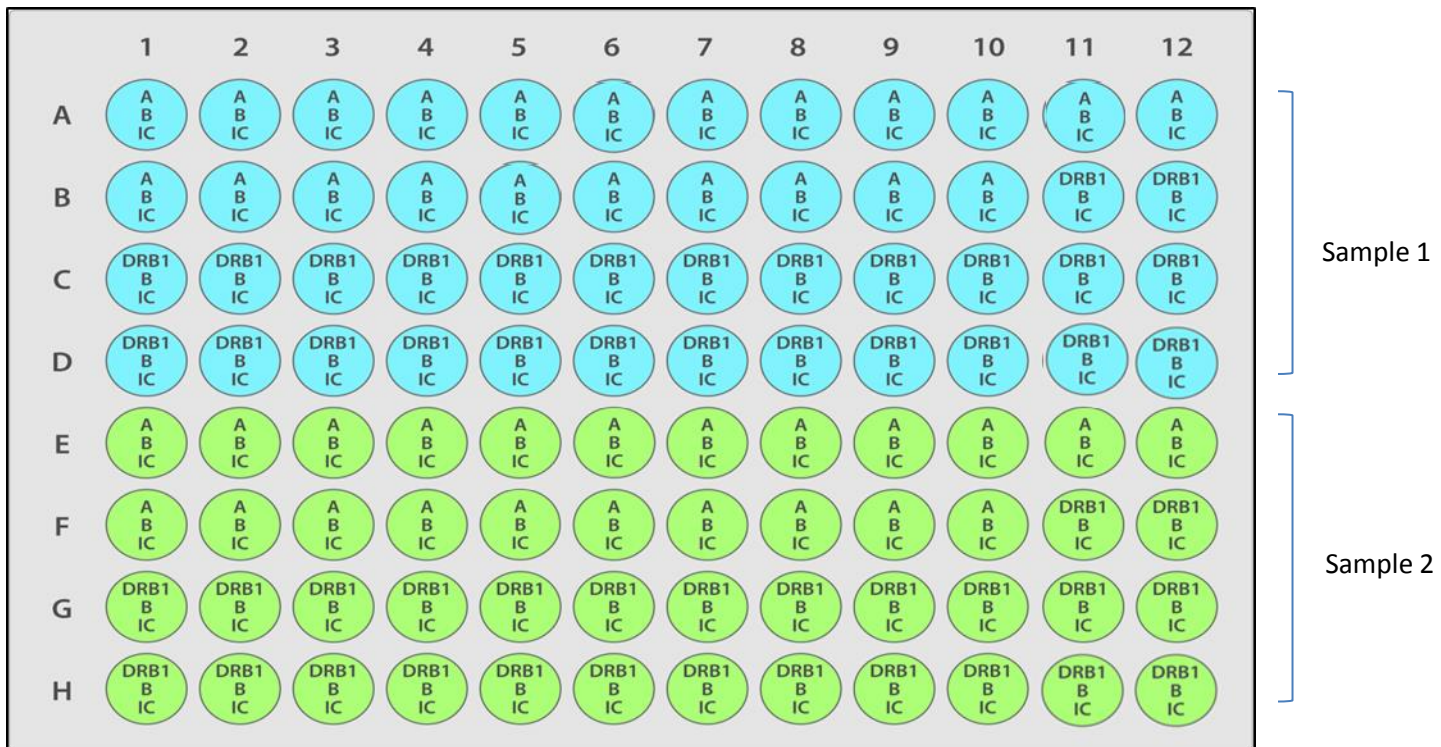
Configuration – HLA-ABDR

- Available classification of HLA-A, B, DRB1 type

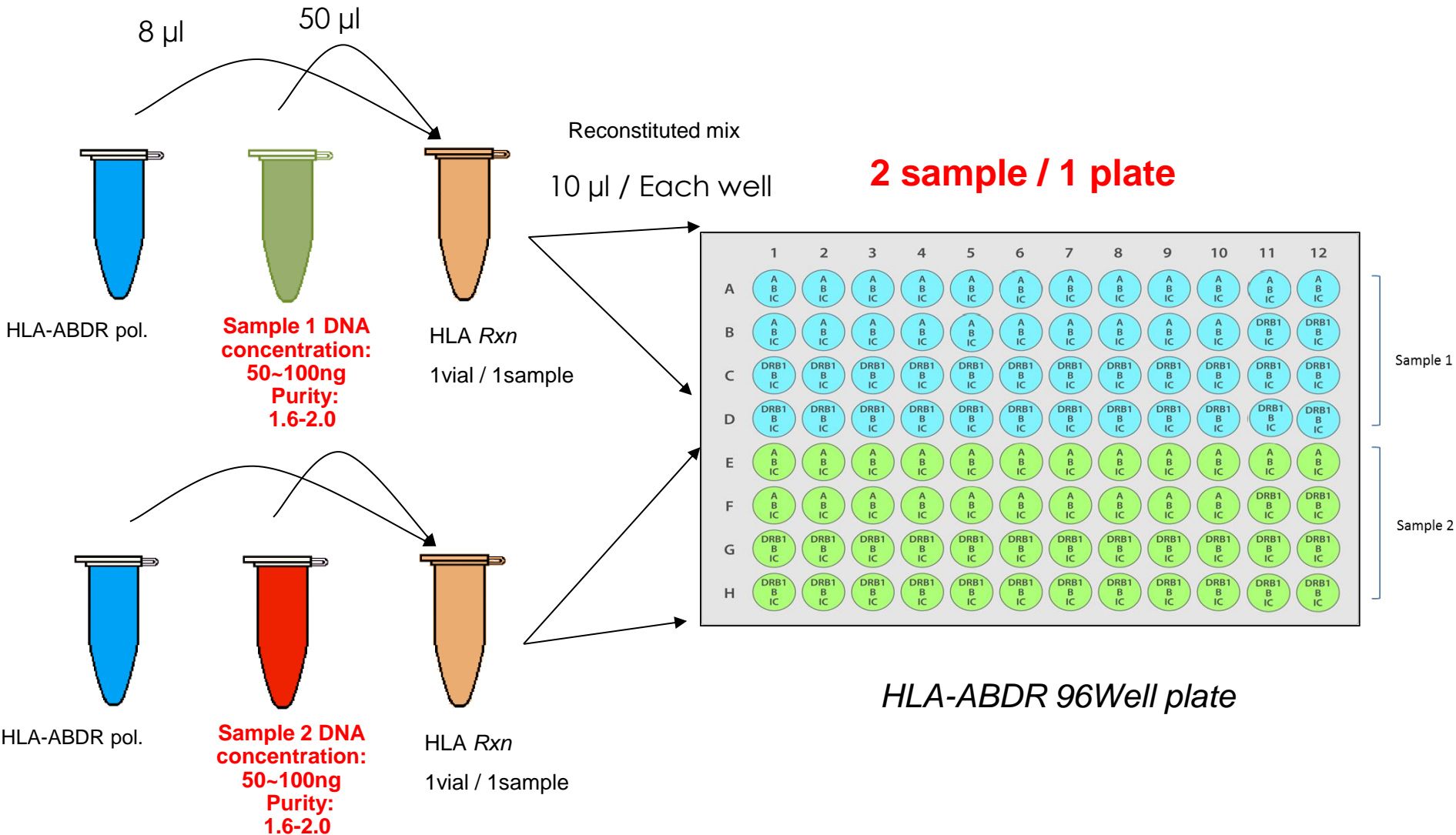
HLA	A	B	DRB1
Low type	21	36	13
Intermediate type	96	433	61
Wells occupied*	22	48	24

* Number of wells occupied by each HLA in the 96well plate

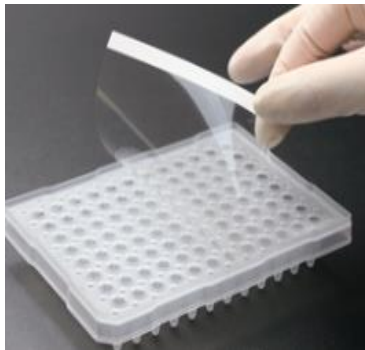
- ABDR plate layout



How to Use – ABDR



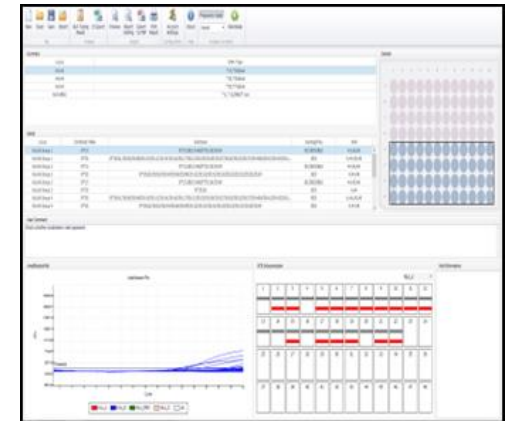
Preparation for PCR



Amplification in Real Time PCR



Data analysis using HLA software



10min

90min

5min

- . Master Mix
- . Dispense plate
- . Sealing

HLA-ABDR

- . Analyze HLA results

How to use – HLA typing Software

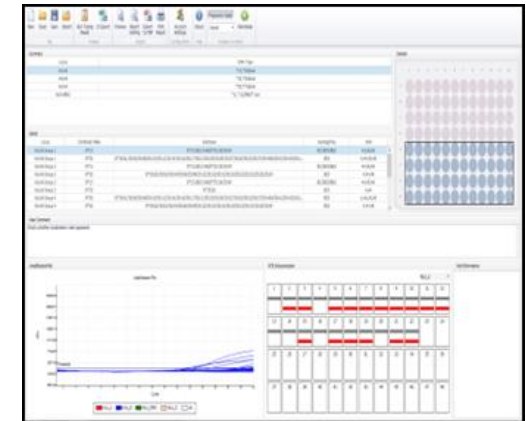
Running is complete



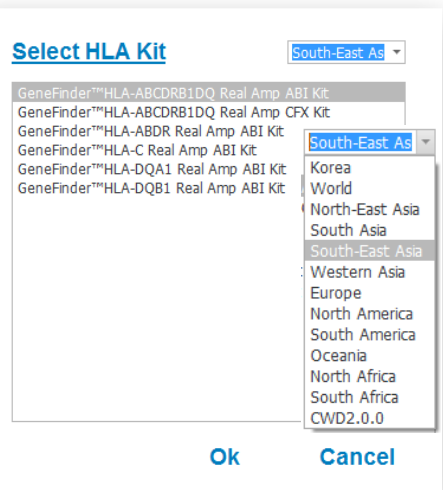
Created raw data file



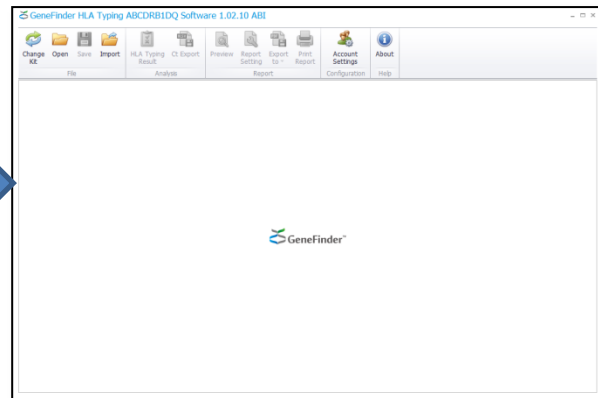
Automatic data analysis



Select kit and frequency



Import to raw data file



Data Analysis- Report form

GeneFinder™ HLA-ABDR Real Amp Kit



Osang

MDX

12-12-2018 13:22:29

Sample ID : Manual

Lot : 1410R1001

TestName : HLA-A,B,DRB1

Experiment Date : 07-08-2018 16:27:50

Summary

A*24, A*26

Typing performed with frequent alleles for test A,B,DR (Korea)

B*15, B*15;Bw6

DRB1*14, DRB1*15;DRB3* pos;DRB5* pos

Detailed typing

Locus	Combined Allele	Subtypes	Serology Freq.	Well
HLA-A	A*24	A*24:02/24:03/24:04/24:07/24:08/24:20/24:37	A24	5
	A*26	A*26:01/26:02/26:03/26:08/26:09/26:10/26:34	A26	7,9,13
HLA-B	B*15	B*15:01/15:07/15:25/15:27/15:28/15:35/15:38	B62	27,44,45,48
	B*15	B*15:01/15:07/15:25/15:27/15:28/15:35/15:38	B62	27,44,45,48
HLA-DRB1	DRB1*14	DRB1*14:02/14:06	DR14	36,38,44
	DRB1*15	DRB1*15:01/15:02	DR15	24,46

Well Amplification

HLA-A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
IC	---	---	---	---	23.2	---	21.2	---	25.5	---	---	---	22.9	---	---	---	---	---	---	---	---	---	---	---	---
A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HLA-B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
IC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HLA-DRB1	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	
IC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
DRB1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IC	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
DRB1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

User Comment



OSANG Healthcare