



Seeing Beyond Limits

LIFECODES[®] HLA-SSO Typing

Immucor's fast, easy and accurate approach to HLA Typing

At Immucor, we are committed to deliver quality products that improve your laboratory's operations while also providing trusted results. Our HLA-SSO typing kits and MATCH IT![®] DNA Typing Software offer speed and accuracy with a simplified approach using Luminex[®] xMAP[®] technology.

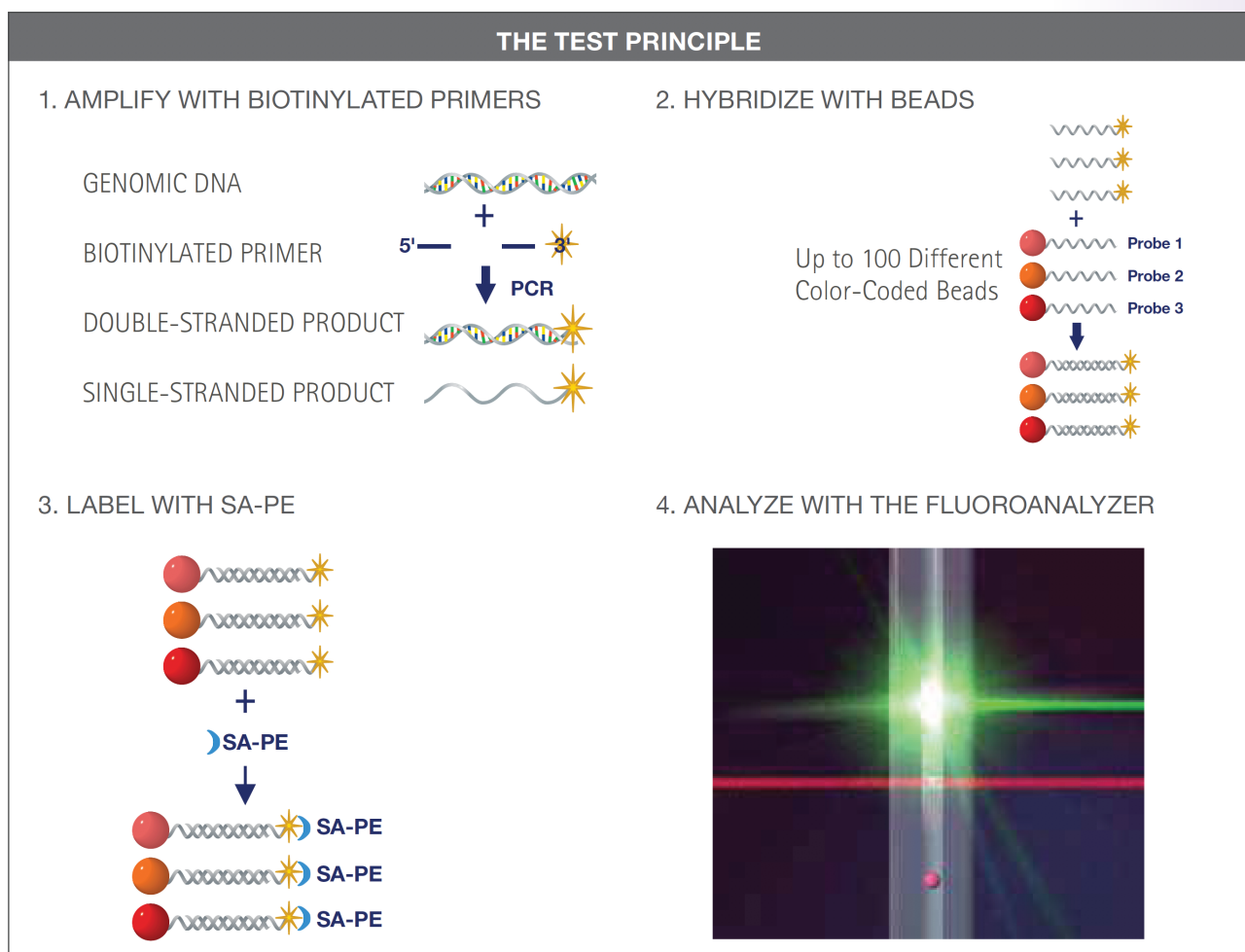


LIFECODES® SSO Typing Results in 2 hours!

LIFECODES SSO Typing kits offer short turn around time for use with deceased donors, a faster protocol for high volume laboratories, and a RAPID protocol to increase productivity in the HLA Laboratory.

- Simple 5 component kit configuration with a simple 3 step protocol
- LIFECODES Taq polymerase validated and included in kit
- HLA-A eRES, HLA-B eRES and HLA-DRB1 eRES kits contain a second bead mix for Enhanced Resolution
- Powered by Luminex® xMAP® Technology
- Analysis software automatically imports data from the Luminex® software

LIFECODES HLA-SSO Typing kits utilize sequence-specific oligonucleotides (SSOs) to identify which human leukocyte antigen (HLA) alleles are present in a PCR-amplified sample.



HLA Genotyping

Easy to Automate for High Throughput



Results in **two hours**.

NO centrifugation or wash steps – reducing overall hands on time.

Master mix includes primers, dNTP's and PCR buffer – eliminating extra steps and consumables.

Automatic import of data into MATCH IT![®] software – allowing for clear and easy to interpret results.

Ordering Information

Description	Catalog Number	Quantity
LIFECODES HLA-A eRES SSO Typing Kit (IVD)	628913	50 tests
LIFECODES HLA-B eRES SSO Typing Kit (IVD)	628917	50 tests
LIFECODES HLA-C eRES SSO Typing Kit (IVD)	628921	50 tests
LIFECODES HLA-DRB1 eRES SSO Typing Kit (IVD)	628925	50 tests
LIFECODES HLA-DRB 3,4,5 SSO Typing Kit (IVD)	628927	50 tests
LIFECODES HLA-DQA1/B1 SSO Typing Kit (IVD)	628930	50 tests
LIFECODES HLA-DPA1/B1 SSO Typing Kit (IVD)	628936	50 tests
Streptavidin-PE	628511	1 mg/ml (85µL)
LIFECODES Taq Polymerase (IVD)	628075	125 units (25µL)





LIFECODES®

LIFECODES® KIR

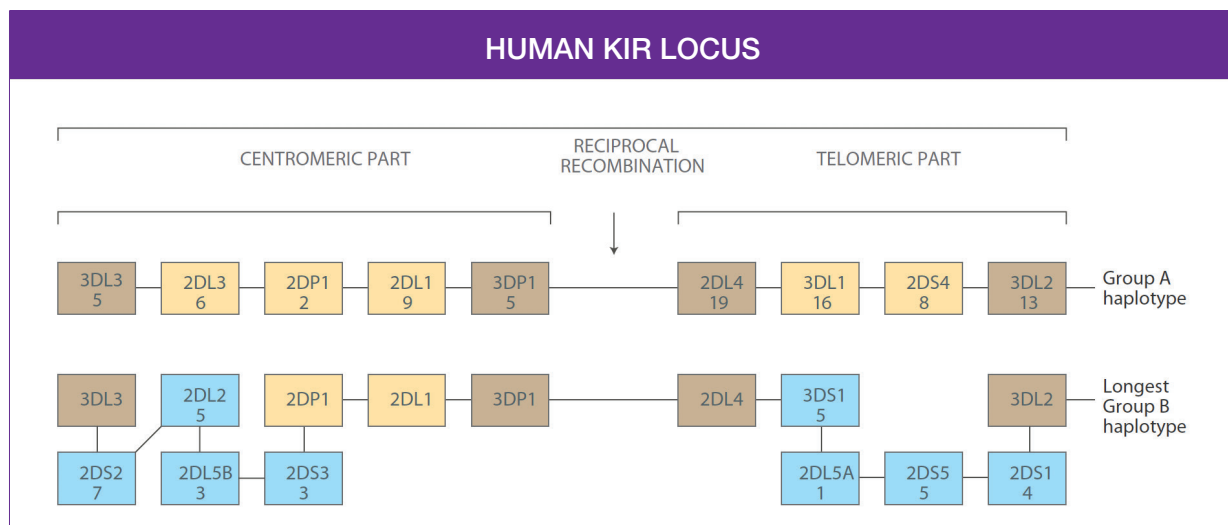
Natural killer (NK) cells are lymphocytes of the innate immune system that fight infection by producing cytokines and killing infected cells. Their functional activity is regulated by the interaction between their surface killer cell immunoglobulin-like receptors (KIR) and Class I HLA alleles expressed on the target cell. NK cells will contain more than one type of KIR on their surface and these receptors can be either inhibitory or activating in nature.

There are 14 KIR genes and two pseudogenes located in the leukocyte receptor complex (LRC) on chromosome 19q13.4. Human NK cells express various combinations of these 16 KIR genes with two common haplotypes: Group A, which has more inhibitory receptors and Group B, which has more activating receptors.

Description	Catalog Number	Quantity
LIFECODES KIR Typing Kit For Research Use Only. Not for Use in Diagnostic Procedures.	545110R	20 tests
LIFECODES Taq Polymerase General Purpose Reagent	628076	125 units (25µL)

Organization of the Human KIR Locus

The LIFECODES KIR SSO Typing kits utilize sequence-specific oligonucleotides (SSOs) to identify which KIR loci are present in a PCR amplified sample.



- Conserved genes are shown in **brown**.
- Genes that can be present in both group A and group B KIR haplotypes are shown in **yellow**.
- Genes and/or alleles that are specific to group B KIR haplotypes are shown in **blue**.

MATCH IT![®] DNA

Introducing **MATCH IT! DNA**, a software designed specifically for streamlined HLA Typing analysis with faster import times than ever before.

Recent **Performance Optimizations** have reduced import time by 70%*.

The MATCH IT![®]DNA software was designed specifically as an accessory to assist in the evaluation of test results from the LIFECODES HLA SSO portfolio.

Easy to use Analysis Software

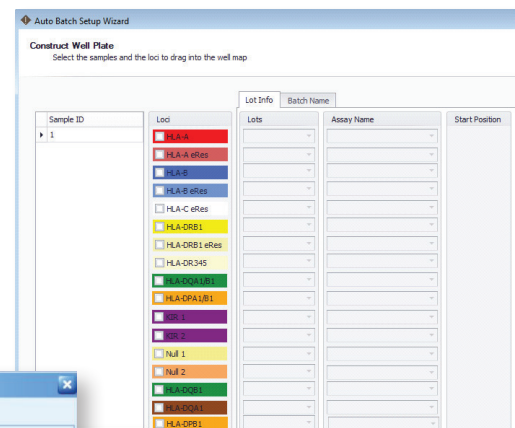
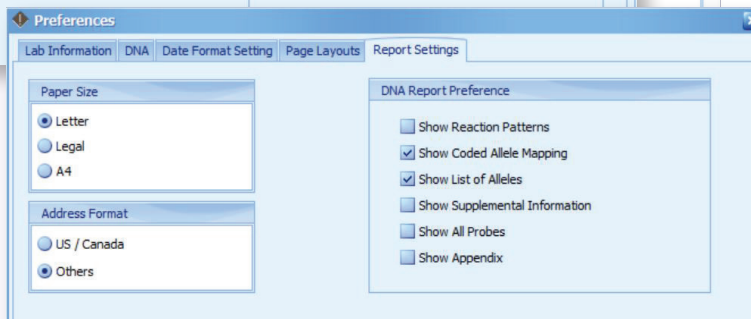
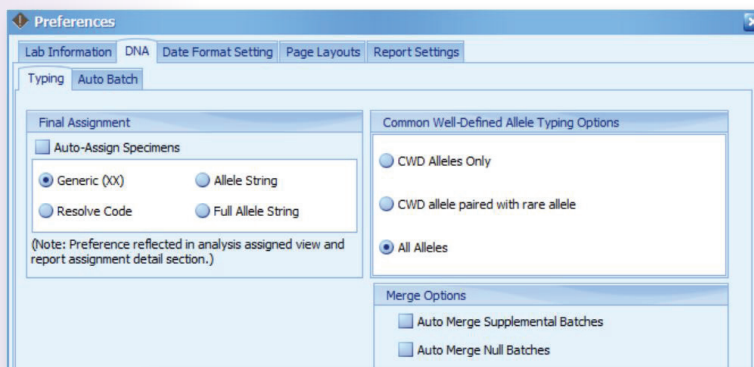
- Probe highlighting for easy review
- CIWD 3.0 list used to highlight Common and Intermediate alleles.
- Multiple Probe Graphing features
- Automatic import of Luminex data
- Options for server based or local database installation
- Remote support provided by Immucor support teams
- Multiple custom utilities available to manage import of data into various LIS



● ASSISTIVE

CUSTOMIZABLE assignment options, page layouts, and reports fit everyone's needs!

AUTO BATCH WIZARD streamlines batch set up for all loci in a simple to use tool!



*Average percent reduction of internal results during development of v1.3.1.



For more information on these products or to check their regulatory status in your region, please contact your Transplant Business Manager or visit www.immucor.com.



www.immucor.com

