

# LABType™ SSO

## Class I & Class II Typing

### Key Benefits

#### Proven Accuracy

- Typing spans A, B, C, DRB1, DRB3,4,5, DQA1/DQB1, DPA1/DPB1, and MICA loci
- Exon 4-7 Supplement is a Class I supplemental kit for A, B, and C loci; B7 and Bw4 are supplements for the B locus kit

#### Maximum Functionality

- Reduced testing time compared to a multi-well format assay
- Processing 96 samples at one time dramatically reduces labor and reaction-to-reaction inconsistencies
- Rapid data acquisition with either the LABScan™ 100 or LABScan3D™ and Luminex® xPONENT® software
- Software-aided data analysis and HLA allele assignment using HLA Fusion™



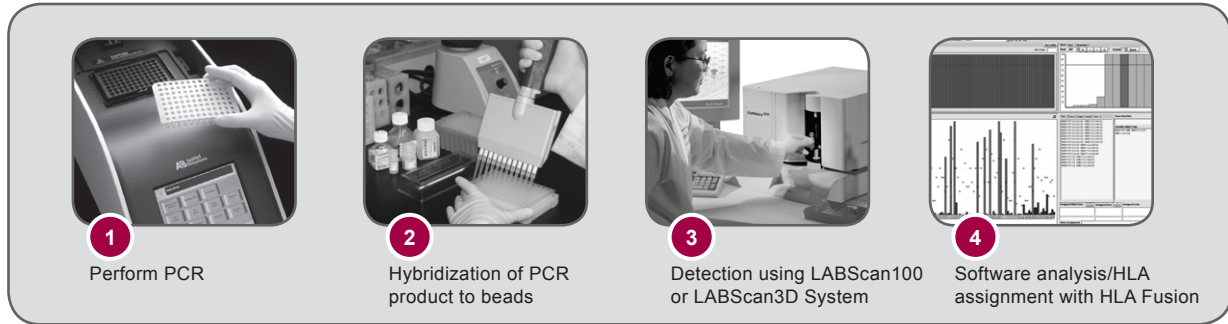
### Revolutionary rSSO DNA Typing

Well suited for low and high throughput labs, LABType SSO is based on the reverse SSO (rSSO) method. A suspension array platform employs fluorescently coded microspheres as a solid support to immobilize oligonucleotide probes. Target DNA is amplified with biotinylated, locus specific primers. The amplified product is then denatured and hybridized with the oligonucleotide probes. Amplified product hybridized to microsphere-bound oligonucleotide probes are labeled with R-Phycoerythrin Conjugated Streptavidin (SAPE) and then processed by the LABScan. The assay takes place in a single well of a 96-well PCR plate.

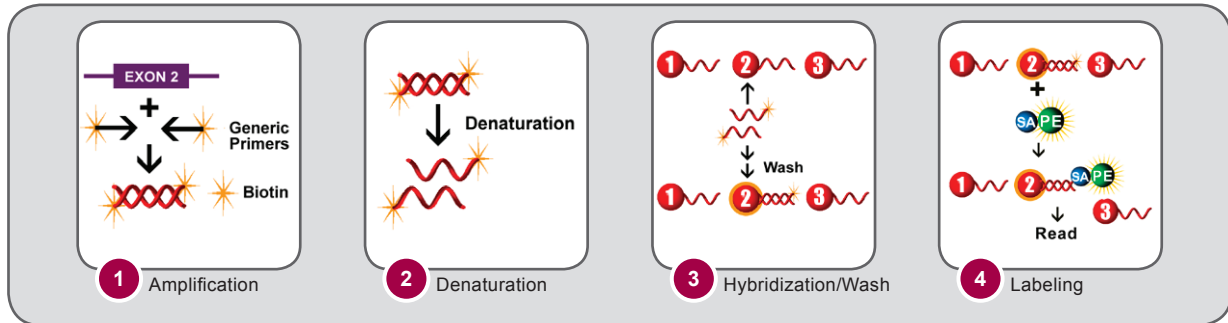
Multiplexing saves labor costs and processing time. Bead improvements and additions for every new lot are provided to address nomenclature updates. Tests are available for Class I and Class II in 20 test or 100 test packages (40 test for MICA).

# LABType SSO for DNA Typing

## LABType SSO Principle



## LABType SSO Procedure



## Ordering Information

Product	Cat. No./Tests	Cat. No./Tests
For In Vitro Diagnostic Use. (Unless otherwise stated.)	<b>20 Tests</b>	<b>100 Tests</b>
LABType SSO HLA A Locus	RSO1AT	RSSO1A
LABType SSO HLA B Locus	RSO1BT	RSSO1B
LABType SSO HLA B7 Supplement	RSO1S1T	RSSO1S1
LABType SSO HLA Bw4 Supplement	RSO1S4T	RSSO1S4
LABType SSO HLA C Locus	RSO1CT	RSSO1C
LABType SSO HLA Exon 4-7 Supplement	RSO1E47T	RSSO1E47
LABType SSO HLA DRB1	RSO2B1T	RSSO2B1
LABType SSO HLA DRB3,4,5	RSO2345T	RSSO2345
LABType SSO HLA DQA1/DQB1	RSO2QT	RSSO2Q
LABType SSO HLA DPA1/DPB1	RSO2PT	RSSO2P
Product	Cat No./40 Test	
LT SSO MICA	RSSOMICA	
Product	Cat. No.	
PE- Conjugated Streptavidin (For General Laboratory Use.)	LT-SAPE	
Taq Polymerase - 30µl (For General Laboratory Use.)	TAQ30	
Taq Polymerase - 50µl (For General Laboratory Use.)	TAQ50	
Taq Polymerase - 75µl (For General Laboratory Use.)	TAQ75	

Find out more at [onelambda.com](http://onelambda.com)

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