

LABType™ HD

High Definition Typing

Key Benefits

Proven Functionality

- Based on the proven, familiar LABType SSO method allowing for a seamless transition from LABType SSO to LABType HD
- Ideal for low and high throughput labs

Maximum Functionality

- Reduced testing time compared to a multi-well format assay
- Ability to process 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™

Maximum Resolution

- Identifies over 90% of common allele pairs without any ambiguities
- Use of hundreds of probes eliminates a significant number of rare alleles, leading to higher resolution typing
- Class I covers Exons 2-3; Class II covers Exon 2



High Resolution rSSO Results with a Single Amplification

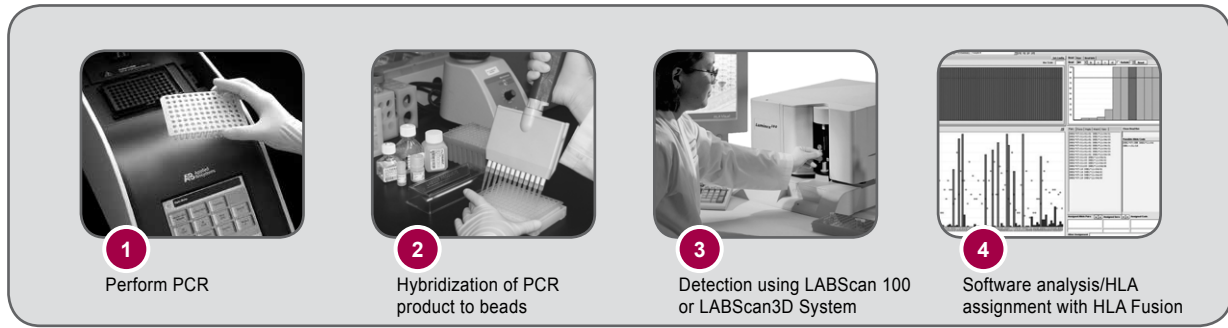
LABType HD is a premier technology in our SSO molecular product line. It shares the same platform, protocol, and software as our other LABType SSO products, so the learning curve is minimized. LABType HD uses the Luminex based LABScan 100 or LABScan3D platform to deliver rapid results and superior resolution.

One amplification per locus, and one bead mix per locus containing hundreds of probes, identifies over 90% of common allele pairs without any ambiguities and eliminates many rare alleles. With the potential to resolve many ambiguities, the LABType HD kits often eliminate the need for additional testing by SBT or SSP.

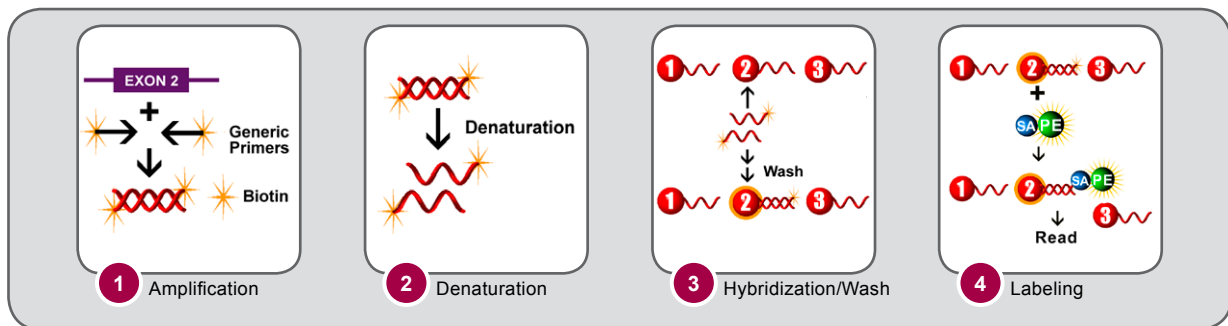
Multiplexing saves labor costs and processing time. Bead improvements and additions for every new lot are provided to address nomenclature updates. Tests are available for Class I and Class II in 20 test or 100 test packages.

LABType HD for DNA Typing

LABType HD Principle



LABType HD Procedure



Ordering Information

| Product | Cat. No./Tests | Cat No./Tests |
|--|-----------------|------------------|
| For In Vitro Diagnostic Use. (Unless otherwise stated.) | 20 Tests | 100 Tests |
| LABType HD HLA A Locus | RSOH1AT | RSSOH1A |
| LABType HD HLA B Locus | RSOH1BT | RSSOH1B |
| LABType HD HLA C Locus | RSOH1CT | RSSOH1C |
| LABType HD HLA DRB1 | RSOH2B1T | RSSOH2B1 |
| LABType SSO HLA Exon 4-7 Supplement ¹ | RSO1E47T | RSSO1E47 |
| Product | Cat. No. | |
| PE- Conjugated Streptavidin (For In Vitro Diagnostic 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 | |

¹LABType SSO HLA Exon 4-7 Supplement is a Class I supplemental kit for Class I kits and is not HD.

Find out more at onelambda.com

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ONE LAMBDA

A Thermo Fisher Scientific Brand

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