Features & Benefits

Proven Accuracy
- Distinguishes HLA Class I and Class II antibodies
- Contains a defined pool of HLA antigens, including rare alleles
- Eliminates false positive reactions due to non-HLA antibodies or auto antibodies
- Single antigen assay identifies negative or safe antigens, even for high PRA patients
- Detects IgG antibodies

Premier Automation
- Based on Luminex® xMAP® technology
- Provides software-driven data acquisition

Maximum Consistency
- High reproducibility
- Delivers reaction-to-reaction consistency

PRA Screening and Specificity Assignment
Utilizing Advanced Flow Analysis Technology
LABScreen®

Using Luminex® xMAP® technology, 100 or more analytes may be tested simultaneously. The LABScreen® product line consists of color-coded microbeads coated with purified HLA Class I and Class II antigens. The beads are analyzed using the LABScan™ 100 flow analyzer and interpretation software.

LABScreen® Single Antigen
Single antigen assays provide a unique solution to the dilemma presented by high PRA patients. In these patients, antibody reactive to one or more dominant epitopes can mask the presence of additional antibody specificities. These specificities can now be identified by single antigen technology.

LABScreen® Single Antigen Supplement
A single antigen panel designed to screen antibodies against HLA antigens found in higher frequencies among certain ethnic populations.

LABScreen® Single Antigen MICA
A single antigen panel designed to identify MICA antibodies.

LABScreen® PRA
Determines percent PRA and identifies antibody specificities using HLA antigens purified from different cells. HLA Class I and Class II PRA tests may be used separately or together.

LABScreen® Mixed
Tests for the presence of HLA Class I and Class II antibodies, as well as MICA antibodies, with a single tube protocol. Well suited for monthly patient antibody screens in both low and high throughput laboratories.

LABScreen® Multi
Tests for the presence of HLA Class I and Class II, and identifies HNA antigens.

LABScreen® Singles
HLA Class I and Class II antigens are also offered as Singles. Each LABScreen® Single Antigen is packaged separately, allowing you to order only the antigens needed.

Principle

Detection by R-Phycoerythrin Conjugated Antibody

1. Add sample.
2. Wash.
3. Add R-PE conjugated Anti-IgG.
4. Wash.
5. Read.

LEGEND: sample antibody - R-PE conjugated Anti-IgG - LABScreen® bead with HLA antigens

To learn more about LABScreen® and other quality products, contact your One Lambda representative today, or visit us at www.onelambda.com

Order Information

For In Vitro Diagnostic Use. (Unless otherwise stated)

LABScreen® Single Antigen
Class I
LS MICA SAg - Group 1 – 25 tests (Catalog ID: LSMICA001)
LS SAg - Combi – (A Locus/B Locus/ C Locus) – 25 test
(Catalog ID: LS1A04)
LS SAg Class I Supplement – Group 1 – 25 tests
(Catalog ID: LS1ASP01)
Class II
LS SAg - Group 1 – (DRB1/DRB3,4,5/ DQB1) – 25 tests
(Catalog ID: LS2A01)
LS SAg Class II Supplement – Group 1 – 25 tests
(Catalog ID: LS2ASP01)

LABScreen® PRA
LS PRA HLA Class I – 25 tests (Catalog ID: LS1PRA)
LS PRA HLA Class II – 25 tests (Catalog ID: LS2PRA)
LS PRA HLA Class I & II – 25 tests (Catalog ID: LS12PRA)

LABScreen® Mixed
LS Mixed HLA Class I & II – 100 tests (Catalog ID: LSM12)

LABScreen® Multi
LABScreen Multi – 100 tests (Catalog ID: LSMUTR)
This product is not associated with the diagnosis or treatment of TRALI.

LABScreen® Singles
- 10 tests (visit www.onelambda.com for details)

Ancillary Products
Adsorb Out – 25 tests* (Catalog ID: ADSORB)
LS Negative Control Serum – 20 tests (Catalog ID: LS-NC)
PE – Conjugated Goat Anti-Human, Lyophilized, 1ml – 1000 tests
(Catalog ID: LS-AB2)
Quantiplex Beads** (Catalog ID: LXQNTPLX)

* For General Laboratory Use.
** For Investigational Use Only.

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® LABScreen is patented under U.S. Patents 5,948,627; 6,150,122; 6,514,714
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™ LABScan is a trademark of One Lambda, Inc.
® Luminex and xMAP are registered trademarks of Luminex Corporation
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