

# LABScreen™

## PRA Screening and Specificity Assignments Utilizing Flow Analysis Technology

### Key Benefits

#### Proven Accuracy

- Distinguishes HLA Class I and Class II antibodies
- Contains a purified single antigen or 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 reagents are powered by Luminex xMAP technology, a microbead platform used to deliver multiplex antibody assays. This antigen-bead based assay allows for a precise determination of antibody profiles against HLA and MICA. The proven reliability of LABScreen's consistency, high sensitivity and robustness for PRA screening has gained rapid momentum in the transplant community.

The LABScreen product line consists of color-coded microbeads coated with purified HLA Class I, Class II and MICA antigens. The beads are analyzed using Luminex xMAP multiplex technology.

## 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

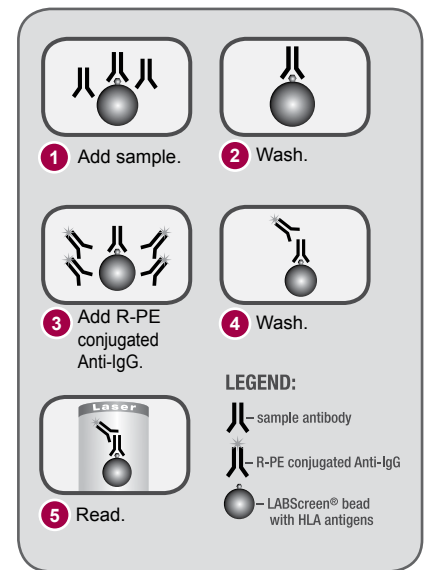
Determines percent PRA and identifies antibody specificities using HLA antigens purified from different cells. HLA Class I and Class II PRA tests may be used separately or together.

## 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.

## Principle

### Detection by R-Phycoerythrin Conjugated Antibody



## Ordering Information

Product	Tests	Cat. No.
For In Vitro Diagnostic Use. (Unless otherwise stated.) 		
<b>LABScreen™ Single Antigen Class I</b>		
LABScreen™ MICA Single Antigen - Group 1	25 tests	LSMICA001
LABScreen™ Single Antigen HLA Class I - Combi	25 tests	LS1A04
LABScreen™ Single Antigen HLA Class I Supplement - Group 1	25 tests	LS1ASP01
<b>LABScreen™ Single Antigen Class II</b>		
LABScreen™ Single Antigen HLA Class II - Group 1	25 tests	LS2A01
LABScreen™ Single Antigen HLA Class II Supplement - Group 1	25 tests	LS2ASP01
<b>LABScreen™ PRA</b>		
LABScreen™ PRA Class I	25 tests	LS1PRA
LABScreen™ PRA Class II	25 tests	LS2PRA
LABScreen™ PRA Class I & II	25 tests	LS12PRA
<b>LABScreen™ Mixed</b>		
LABScreen™ Mixed Class I & II	100 tests	LSM12
<b>Ancillary Products</b>		
LABScreen™ Negative Control	20 tests	LS-NC
PE Conjugated Goat Anti-Human IgG	1000 tests	LS-AB2

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

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