FlowPRA® Screening Test

Antibody Detection

Features & Benefits

- Easy – quick and simple one-tube method to detect anti-HLA antibodies
- Powerful – screens Class I and Class II antibodies separately or simultaneously
- Accurate – eliminates false positive reactions due to non-HLA antibodies and auto antibodies
- Single Antigens – produced in human cell lines
- Convenient – no frozen lymphocyte panels to maintain and no cell viability issues
- Flexible – works with most commercial flow cytometers
- Comprehensive – panel coverage equivalent to thirty different lymphocytes
- Informative analysis – can determine percent PRA of HLA Class I and Class II simultaneously
- Reproducible – consistent results each and every time
- Sensitive – more sensitive than CDC-AHG
- Economical – minimal shipping and storage costs

Accurate

Patent Nos. 5,948,627; 6,150,122; 6,514,714

FlowPRA® revolutionizes HLA antibody detection

ONE LAMBDA
A Thermo Fisher Scientific Brand

POST Tx MONITORING

IVD

FlowPRA® Screening Test

Fast & Clear Test Results

FlowPRA® Class I and Class II screening tests each consist of a pool of 30 different bead preparations. Each bead is coated with HLA Class I or Class II antigens purified from one of 30 cell lines. All common HLA antigens, as well as many rare HLA antigens, are represented in the pool.

Class I and Class II beads are distinguishable on a flow cytometer by their different fluorescent properties. There is no cross reactivity between Class I and Class II beads, so they can be mixed to detect Class I and Class II antibodies simultaneously.

After incubation of serum with FlowPRA® beads, followed by a staining with a FITC labeled anti-human IgG antibody, the anti-HLA IgG positive serum shows a fluorescent channel shift as compared with the negative serum. Percent PRA is represented by the percentage of beads that react positively with the serum.

FlowPRA® Control Beads allow you to determine the background level of your test serum when using One Lambda's FlowPRA® Specific or Screening Tests.

FlowPRA® Single Antigen Test

The FlowPRA® Single Antigen assay, is designed to uncover hidden specificities for analysis in high PRA sera. The test is used to screen highly sensitized patients– both pre- and post-transplant and is useful in identifying acceptable antigens prior to a solid organ transplant or re-transplant.

Order Information

For In Vitro Diagnostic Use. (Unless otherwise stated)

Description	Catalog #
FlowPRA® Class I Screening Test (50 tests)	FL1-30
Positive Class I Serum Control (10 tests)	FL1-PC
FlowPRA® Class II Screening Test (50 tests)	FL2-30
Positive Class II Serum Control (10 tests)	FL2-PC
FlowPRA® Class I & II Screening Test (50 tests)	FL12-60
Negative Serum Control	FL-NC
FlowPRA® Control Beads (50 tests)	FLCNTBD
Adsorb Out™ (25 tests)*	ADSORB

* For General Laboratory Use.

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

ONE LAMBDA
A Thermo Fisher Scientific Brand

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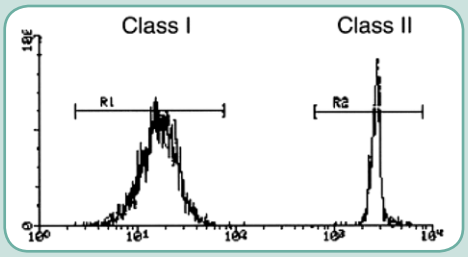
INTERNATIONAL: Contact your local distributor

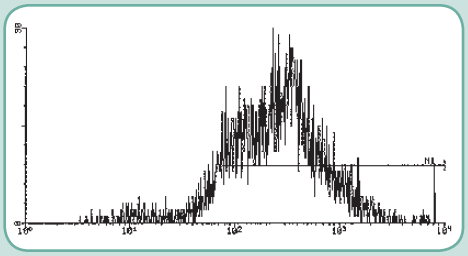
CE 0197

TÜV ISO 13485 Registered

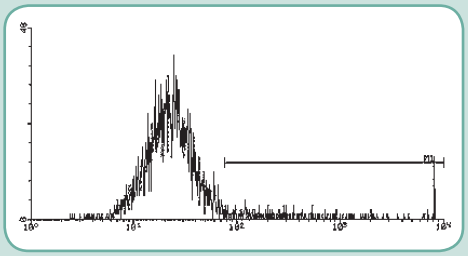
FlowPRA® Results



FL2 histogram differentiating Class I and Class II beads



FL1 histogram of FlowPRA® beads reacting with positive control serum



FL1 histogram of FlowPRA® beads reacting with negative control serum

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- R. Pei, G. Wang, C. Tarsitani, S. Rojo, T. Chen, S. Takemura, A. Liu, J-H. Lee. Simultaneous HLA Class I and Class II PRA screening with flow cytometry. Human Immunology,59:313-322 (1998).
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- R. W. Senkbeil, C. Mink, S. B. Skelton, J. Shoaf, J. K. Kirklin, J. Thomas, Department of Surgery, Division of Transplant/ Surgical Services, University of Alabama, Birmingham, AL. Utilization of flow and ELISA antibody screening methods in autologous positive heart transplant patient. ASHI Abstract 1998, Human Immunology, 107. FlowPS.indd 2 1/8/07 9:23:11 AM