

# LABScreen Single Antigen assays

## High-Resolution HLA antibody characterization using single antigen bead (SAB) technology

The LABScreen™ Single Antigen portfolio enables high-resolution HLA antibody characterization using established SAB technology. Standardized workflows, shared reagents, and integrated analysis in HLA Fusion™ software help transplant laboratories streamline operations while maintaining consistent, reliable results using Luminex™ xMAP™ technology.



### LABScreen Single Antigen assay

Detect individual HLA Class I and Class II antibodies

- Broad HLA allele coverage
- Flexible expansion with Supplement panels
- Compatible with LABScan™ 100 and LABScan3D™

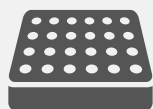
### LABScreen Single Antigen ExPlex assay

Expanded insights in a single well

- Consolidates core and expanded panel testing into one well
- Designed for multiplexing on the LABScan3D
- Additional DQ coverage now available **new!**

Feature	Single Antigen	Supplement	ExPlex
Workflow	Standard	Standard	Combined Well
Coverage	Broad	Expanded	Expanded
Instrument	LABScan 100/3D	LABScan 100/3D	LABScan3D only

### Simple, standardized workflow



Sample Preparation



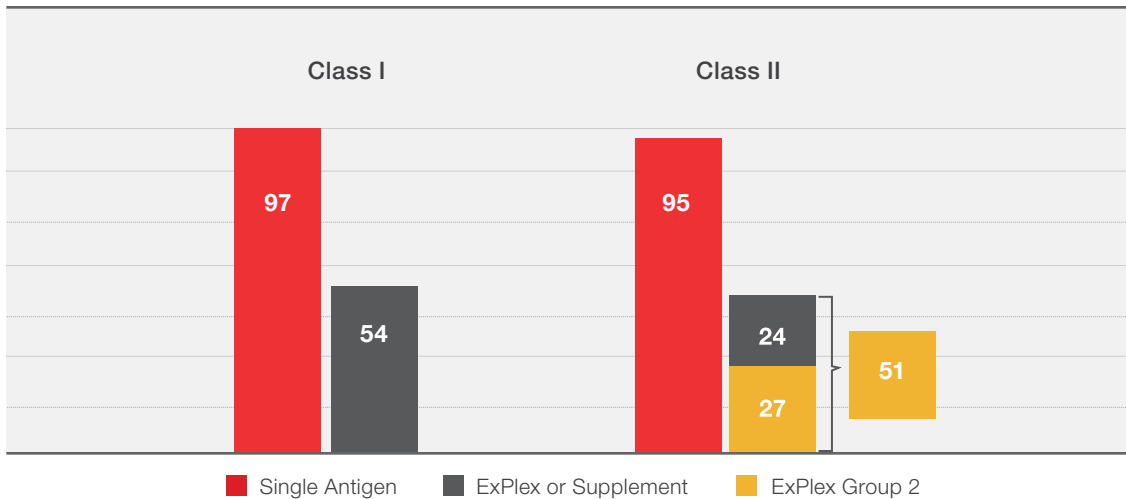
Detection via LABScan3D or LABScan 100



Analysis in HLA Fusion

One consistent workflow across all assay types reduces training time and increases efficiency.

## Broad to expanded allele coverage



### Ordering information

Product	Quantity	Cat. No.
For <i>In Vitro</i> 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 Single Antigen ExPlex</b>		
LABScreen Single Antigen HLA Class I ExPlex assay	25 tests	LS1AEX01
LABScreen Single Antigen HLA Class II ExPlex assay	25 tests	LS2AEX01
LABScreen Single Antigen HLA Class II ExPlex - Group 2 assay	25 tests	LS2AEX02 <b>NEW!</b>
LABScreen Single Antigen HLA Class I - ExPlex Combo	25 tests	LS1A04EXC
LABScreen Single Antigen HLA Class II - ExPlex Combo	25 tests	LS2A01EXC
LABScreen Single Antigen HLA Class II ExPlex - Group 2 Combo	25 tests	LS2A01EXCG2 <b>NEW!</b>

#### [View full product details](#)

- Explore complete panel details
- Access product specifications and documentation
- Stay current with educational materials



Find out more at [thermofisher.com/transplant-solutions](https://thermofisher.com/transplant-solutions)

Products are CE-marked for in vitro diagnostic use in the European Union (EU). Not all products have 510(k) clearance for sale in the U.S. Availability dependent on local regulatory authorization. © 2026 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. Not all products are available in all countries. Please consult your local sales representative for details. TDX-MKT-0189 | JUNE 2026 | REV 01

Thermo Fisher Scientific  
22801 Roscoe Blvd., West Hills, CA 91304 USA  
TEL: 747-494-1000  
FAX: 747-494-1001  
(US and Canada only)  
INTERNATIONAL: Contact your local distributor

**ThermoFisher**  
SCIENTIFIC