

WE LIVE  
TO EXCITE



AUTOMATED  
ANTIBODY  
MONITORING

HLA CLASS I & CLASS II ANTIBODY  
DIAGNOSTICS WITH ALLELE  
SPECIFIC SINGLE ANTIGENS

HISTO SPOT® HLA AB SYSTEM

**BAGO**   
DIAGNOSTICS



## SCOPE OF APPLICATION

### **BROAD PANEL OF HLA SINGLE ANTIGENS IN ONE MICROTITER WELL**

- All clinically relevant serological specificities covered
- Miniaturized assay with minimal sample volumes (5-10µl serum)
- Fully automated on the MR.SPOT® 2.0 Processor with a flexible throughput (1-96 samples)
- Optimized sample buffer reduces unspecific reactions to a minimum
- Highly reproducible

## YOUR ADVANTAGES

### **Direct antibody definition**

**The test is based on recombinant single HLA antigens.**

### **Easy and reproducible**

**The automated workflow of the assay does not require manual intervention.**

### **Reliable results**

**No false positive and no false negative results due to denatured antigens or prozone effects observed.**



## THE HISTO SPOT® HLA AB SYSTEM

The HISTO SPOT® HLA AB test system combines the specificity of a multiplex immunodiagnostic microarray with the advantages of the highly automated MR.SPOT® platform. The multiplex array consists of a large number of recombinant single HLA antigens and MR.SPOT® 2.0 Processor offers all the convenience of a fully automated pipetting platform.

### THE SYSTEM CONSISTS OF

#### **HISTO SPOT® HLA AB Kits:**

Test wells with spotted antigens for class I or class II, positive and negative control, sample dilution buffer



#### **HISTO SPOT® AB Reagent Kit:**

All additional reagents required for the test

#### **HISTO MATCH HLA AB interpretation module:**

Software for data management and interpretation.  
More information on page 4



#### **MR.SPOT® 2.0 Processor:**

Pipetting robot for the automated assay. More information on page 5

## HISTO MATCH SOFTWARE DESIGNED FOR YOUR NEEDS

- Convenient management of all relevant data regarding patients, samples, worklists, kits and users in a Microsoft SQL Server database
- Efficient workflow management and tracking of samples and results
- Intuitive interpretation tools for reviewing and editing results
- Sample specific cut-offs automatically assigned
- Network installations including the MR.SPOT® 2.0 Processor and several workplaces based on Microsoft SQL Server

HISTO MATCH  
is available in  
different  
languages



## MR.SPOT® 2.0 Processor MAKES YOUR LIFE EASIER

**The standardised and automated process guarantees high precision and fast results**

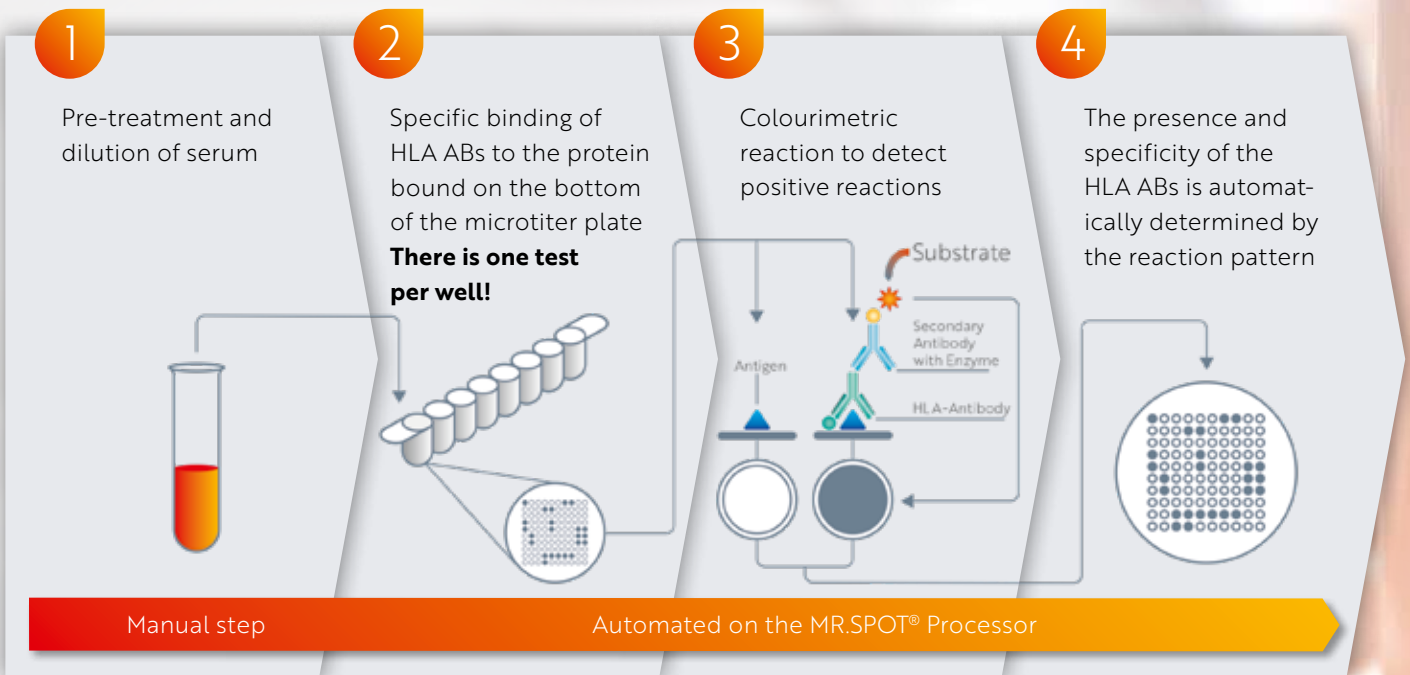
The MR.SPOT® 2.0 Processor runs the whole assay from diluted serum to result. Due to fully automated washing and pipetting, the plug-and-play instrument makes handling very easy. Moreover, MR.SPOT® 2.0 automatically records the results by an integrated camera and transfers the image to the HISTO MATCH software for convenient interpretation.



MR.SPOT® 2.0 -  
also for  
HISTO SPOT®  
SSO



## WORKFLOW



PRODUCTS	DESCRIPTION	PACKAGE	REF
HISTO SPOT® HLA AB ID Class I		48 Tests	728100
HISTO SPOT® HLA AB ID Class II		48 Tests	728101
HISTO SPOT® HLA AB ID Class II - ADI	required for HISTO SPOT® Class II	100 µl	728196
HISTO SPOT® AB Reagent Kit	all required reagents for Class I and Class II kits	96 Tests	728198

## YOUR BENEFITS

**One run fits all**

**Class I and class II kits can be combined in one run**

**Easy to analyze**

**Automated interpretation with sample specific cut-offs**

**Be safe**

**Compelling implementation and support**

**Feel confident with the results**

**User-friendly interpretation software**

## WE LIVE TO EXCITE

**EXCELLENCE, PARTNERSHIP** and **PASSION** have always been the basis of our actions. Moreover, since 1947 our wish to inspire you by understanding your needs has been absolutely central – and therefore, we only develop diagnostics with added value and significance. We combine decades of experience and a deeply rooted exploratory urge for the development of our innovative products.

Thanks to our independence and global orientation, we can conduct targeted research for the development of top performance products and services in the areas of **TRANSPLANTATION, TRANSFUSION, HUMAN GENETICS** and **INFECTIOUS DISEASES.**

Our motivation is to exceed the expectations of our customers and partners. That is why we support you with exceptional service and new ways of thinking – competently, quickly and precisely.

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