CLEARLLab LS
LYMPHOID SCREEN REAGENT
CE MARKED ANTIBODY COMBINATION
FOR LEUKEMIA / LYMPHOMA ANALYSIS
Because Your Patient is Her Everything

EVERY
event matters.
ClearLLab LS Lymphoid Screen is the first CE-IVD-marked 10-color L&L reagent. For use as an aid in the differential diagnosis of your patients with signs or symptoms of hematolymphoid malignancies, it features a standardized pre-mixed combination of 12 antibodies in a shelf-stable, unitized, dry format that meets CE-IVD clearance standards. Setting a new benchmark in standardized clinical flow cytometry, ClearLLab LS provides reliable information to support your treatment decision.

For your patient’s family, this decision means everything.
ClearLLab LS LYMPHOID SCREEN

CE-IVD-MARKED ANTIBODY COMBINATION FOR LEUKEMIA / LYMPHOMA ANALYSIS

The ClearLLab LS Lymphoid Screen reagent is intended for the identification of hematolymphoid cell populations by immunophenotyping on a 10-color NAVIOS flow cytometer. The reagent can be used with peripheral whole blood and bone marrow specimens collected in EDTA (K$_2$ and K$_3$), ACD-A and Heparin (Lithium and Sodium) as well as lymph node specimens. The results should be interpreted in conjunction with additional laboratory and clinical findings.

- Pre-mixed 10-color 12 antibody tube
- CE-IVD-marked for use with NAVIOS flow cytometers
- Unitized dry reagent using Beckman Coulter proprietary format
- 25 tests/package
- Compatible with WHO 2008-Revised Classification

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>405 nm EXCITATION</th>
<th>488 nm EXCITATION</th>
<th>639 nm EXCITATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PB$^1$</td>
<td>KrO$^2$</td>
<td>FITC</td>
</tr>
<tr>
<td>B74073</td>
<td>CD3</td>
<td>CD45</td>
<td>Kappa/CD8</td>
</tr>
</tbody>
</table>

1. Pacific Blue  2. Krome Orange  3. APC Alexa Fluor 700  4. APC Alexa Fluor 750

Streamlined Compensation

Optimize assay performance and reduce your compensation workload using the new ClearLLab Compensation Kit.

- Unitized dry format reagents for optimized 10-color compensation
- Compensation performed only once per month
- 5 compensations per kit
EMPOWER YOUR LAB’S WORKFLOW: ACCURACY AND RELIABILITY

Laboratory Developed Test Workflow

TIME-CONSUMING AND ERROR-PRONE

Panel Creation
- Analyze literature
- Choose antibody specificities
- Select potential fluorophor combinations
- Evaluate fluorophor combinations
- Repeat as necessary

Method Validation
- Optimize staining procedure
- Design validation study
- Execute validation study
- Document validation study

Stability Testing
- Establish cocktail stability
- Draft SOP for stability testing
- Draft SOP for cocktail stability

Antibody Cocktailing
- Prepare antibody cocktails
- Perform quality control on cocktail

ClearLLab LS Simplifies the Workflow

Referencing the LDT workflow above, ClearLLab LS eliminates 14 steps and streamlines 5 more. It establishes the benchmark in standardized clinical flow cytometry.

LDT steps **eliminated** by ClearLLab LS

LDT steps **streamlined** by ClearLLab LS

Every Event Matters
Panel Creation
Method Validation
Stability Testing
Antibody Cocktailing
Sample Processing
Sample Acquisition
Analysis
Report Results

Analyze literature
Optimize
staining procedure
Establish
cocktail stability
Prepare
antibody cocktails
Prepare samples
according to
procedure
Define instrument
settings
Create analysis
templates
Create acquisition
strategy
Analyze data
Correlate with
additional clinical and
laboratory findings
Choose antibody
specificities
Design
validation study
Draft SOP for
estability testing
Perform quality
control on cocktail
Create acquisition
strategy
Create analysis
templates
Correlate with
additional clinical
and laboratory findings

ClearLLab LS Workflow
STANDARDIZED AND STREAMLINED

Sample Processing
Sample Acquisition
Analysis
Report Results

Prepare samples
according to
ClearLLab LS
Instructions for Use
Acquire data
according to
ClearLLab LS
templates
Analyze data
according to
ClearLLab LS
templates
Correlate with
additional clinical
and laboratory
findings
SAMPLE RESULTS WITH ClearLLab LS

Normal Bone Marrow

Lymph Node with Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma

Bone Marrow with B Lymphoblastic Leukemia/ Lymphoma

Bone Marrow with Acute Myeloid Leukemia
GETTING STARTED

ClearLLab LS Case Book

Become familiar with ClearLLab LS analysis results by using our ClearLLab LS Case Book. Cases with characteristic findings typical of common lymphoid and myeloid neoplasms are included, as are cases from patients with clinical and/or laboratory findings that suggest an underlying neoplastic process, but in which no immunophenotypic abnormality is identified.

Each case includes a clinical vignette that describes the patient demographics and clinical history, case-specific listmode data files, ClearLLab LS-specific analysis templates, and analysis results. Each case concludes with an Analysis Notes section that highlights the immunophenotypic findings as well as potential pitfalls.

NAVIOS Flow Cytometry Platform

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

Try It Today

See for yourself.

Try ClearLLab LS on your NAVIOS flow cytometer today. A free of charge demonstration kit is available.

Contact your local Beckman Coulter representative, or visit beckman.com/ClearLLab-LS.

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

Try It Today

See for yourself.

Try ClearLLab LS on your NAVIOS flow cytometer today. A free of charge demonstration kit is available.

Contact your local Beckman Coulter representative, or visit beckman.com/ClearLLab-LS.

NAVIOS Flow Cytometry Platform

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

Try It Today

See for yourself.

Try ClearLLab LS on your NAVIOS flow cytometer today. A free of charge demonstration kit is available.

Contact your local Beckman Coulter representative, or visit beckman.com/ClearLLab-LS.

NAVIOS Flow Cytometry Platform

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

Try It Today

See for yourself.

Try ClearLLab LS on your NAVIOS flow cytometer today. A free of charge demonstration kit is available.

Contact your local Beckman Coulter representative, or visit beckman.com/ClearLLab-LS.

NAVIOS Flow Cytometry Platform

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

Try It Today

See for yourself.

Try ClearLLab LS on your NAVIOS flow cytometer today. A free of charge demonstration kit is available.

Contact your local Beckman Coulter representative, or visit beckman.com/ClearLLab-LS.

NAVIOS Flow Cytometry Platform

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

Try It Today

See for yourself.

Try ClearLLab LS on your NAVIOS flow cytometer today. A free of charge demonstration kit is available.

Contact your local Beckman Coulter representative, or visit beckman.com/ClearLLab-LS.

NAVIOS Flow Cytometry Platform

NAVIOS Flow Cytometers deliver highly sensitive detection, outstanding data interrogation, and exceptional workflow efficiencies. The NAVIOS enables seamless transition from lower complexity assays to advanced applications. You can trust the NAVIOS to deliver consistent results, with software tools that ensure robust quality control and audit capabilities.

We offer a full suite of service level options to suit the needs of an array of laboratories or operations and our instruments are supported by our expert application engineers who provide support and training to help drive our customers’ success.

NAVIOS is CE marked for 10-color in-vitro diagnostic use.
Choose Beckman Coulter for Benchmark Expertise and Innovation

For over 80 years Beckman Coulter has driven innovation. We remain committed to creating flow cytometry solutions that fit seamlessly into your lab’s workflow. When you choose a Beckman Coulter product you’re choosing expertise, innovation, and quality assurance.

Contact your local Beckman Coulter sales representative.

beckman.com