Acrodisc® WBC (White Blood Cell) Syringe Filter

Description

Proven Performance
Acrodisc WBC (White Blood Cell) Syringe Filter
Pall Life Sciences' Acrodisc WBC premium syringe filter is an innovative filtration device designed specifically for use in the capture and recovery of Leukocytes and the separation of red blood cells. The Acrodisc WBC filter contains Pall's patented Leukosorb media. Leukosorb is a fibrous matrix that uses a multimodal approach of size exclusion and adsorption to capture and recover leukocytes from whole blood samples while allowing Red Blood Cells (RBCs) and platelets to flow through the membrane.

The Acrodisc WBC provides scientists a simple and efficient method to isolate blood cells used in a variety of research applications including:

- Antigenic specificity
- Antigen modulation studies
- Cell receptor analysis
- Lymphocyte recovery for cell therapy
- Stem cell research applications

Easy to Use - Simply add the blood sample onto the Acrodisc WBC syringe filter using a standard 10cc syringe with a luer lock connector, placed over a collection vessel, such as a 50ml conical tube. Once the sample is fully deposited, use an appropriate stand to hold the syringe filter assembly upright in order to allow gravity to pull the sample through the Leukosorb membrane, capturing the white blood cells, allowing the red blood cells and platelets to flow through the filter into the collection vessel.

Applications

Pall Life Sciences' Acrodisc WBC premium syringe filter is designed specifically to capture and recover Leukocytes while separating red blood cells and platelets, thereby providing scientists with a simple and efficient method to isolate cells needed for use in a variety of research applications including:

- Antigenic specificity
- Antigen modulation studies
- Cell receptor analysis
- Lymphocyte recovery for cell therapy
- Monoclonal antibody development
- Stem cell research applications
Specifications

Materials of Construction
Filter Media: Leukosorb
Housing: Polypropylene

Effective Filtration Area
3.9 cm²

Sample Volume Range
1 – 12 mL

Inlet/Outlet Connections
Female luer lock inlet, male slip luer outlet

Typical Hold up Volume
Hold up volume < 2 mL, with total sample volume = 12 mL

Performance

- Unfiltered Sample
- Nucleated WBCs
- Propidium iodide

Ordering Information

Acrodisc PSF WBC Syringe Filter with Leukosorb Membrane

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<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Pkg</th>
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<tr>
<td>AP-4851</td>
<td>25mm</td>
<td>25/pk</td>
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Visit us on the Web at www.pall.com/lab
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