The Erythrocyte Sedimentation Rate (ESR) is a non-specific test that alerts physicians to the possible presence of disease or abnormality in the body. The ESR is determined by measuring, in millimeters per hour, the distance red cells have fallen after separating from the plasma in a vertical sed-rate pipette.

Sedi-Rate® offers a simple, safe, economical and highly-accurate method for performing Westergren ESR determinations.

The polystyrene Sedi-Rate® pipette is graduated from 0 to 180mm and features a unique fibrous plug located at the zero mark. The plug is specifically designed to be a self-sealing aerosol barrier that stops hazardous substances from escaping through the top of the pipette.

The polypropylene Sedi-Rate® vial features a patented self-sealing stopper that is easily pierced with a transfer pipette or piercing funnel. The vial is supplied pre-filled with 0.25mL of 3.8% trisodium citrate diluent. Simply add 1mL of EDTA-treated blood to complete the 1 to 4 ratio as required by the Westergren method.

Sedi-Rate® and other Globe ESR products are the only systems that are completely closed, thereby offering the highest degree of safety. The use of Sedi-Rate® eliminates splashing, spraying and aerosol hazards, making it an optimum choice for ESR testing in the laboratory.
 Simply add 1mL of EDTA-treated blood to the Sedi-Rate® vial. (Pictured above using the optional piercing funnel and ESR transfer pipette). Invert several times to mix.

Insert the pipette through the pierceable stopper. Then, using continuous force, push the pipette down to the bottom of the vial.

The blood automatically rises into the pipette and stops at the zero mark.

Place the test unit in the rack. At the end of 60 minutes, the numerical results can be read directly from the imprinted scale on the pipette.

### Ordering Information

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Unit</th>
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<tbody>
<tr>
<td>3469</td>
<td>Sedi-Rate® ESR System, 100 tests per box</td>
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<td>3469B</td>
<td>Sedi-Rate® ESR System, 1000 tests per case (100/box, 10 boxes/case)</td>
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<tr>
<td>3452</td>
<td>10-place rack with pipette support clamps</td>
<td>Each</td>
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<tr>
<td>3472</td>
<td>10-place polystyrene rack</td>
<td>Each</td>
</tr>
<tr>
<td>3459</td>
<td>Acrylic leveling platform</td>
<td>Each</td>
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<tr>
<td>3475</td>
<td>Piercing funnels</td>
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<td>3476</td>
<td>ESR transfer pipettes</td>
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*Sedi-Rate® is a trademark of Globe Scientific Inc.*
Pedi-Rate™ offers a simple, safe, economical and highly-accurate method for performing Westergren ESR determinations on children and the elderly, or wherever low volumes of blood are obtained.

The polystyrene Pedi-Rate™ pipette is graduated from 0 to 170mm and features a unique fibrous plug located at the zero mark. The plug is specifically designed to be a self-sealing aerosol barrier that stops hazardous substances from escaping through the top of the pipette.

The polypropylene Pedi-Rate™ vial features a patented self-sealing stopper that is easily pierced with a transfer pipette. The vial is supplied pre-filled with 0.08mL of 3.8% trisodium citrate diluent.

To perform the ESR test, simply add 0.32mL of EDTA-treated blood into the Pedi-Rate™ vial to the indicator line. Invert several times to mix. Insert the pipette plunger through the pierceable stopper. Then, using continuous force, push the pipette down to the bottom of the vial. The blood will automatically rise into the pipette and stop at the zero mark. Place the test unit in the ESR rack (item #3452). At the end of 50 minutes the numerical results are read and recorded in millimeters per 60 minutes directly from the imprinted scale on the pipette.

The use of Pedi-Rate™ eliminates splashing, spraying and aerosol hazards, making it an optimum choice for ESR testing in the laboratory.

**Pedi-Rate™** offers:
- Ideal for pediatric and elderly patients
- Requires only 0.32mL of blood
- 50 minute test
- Closed system for optimal safety
- Shatter-proof plastic components
- Accurate and reproducible results
- Patented pierceable stopper
- Fibrous barrier protects user from hazardous aerosols

**Ordering Information**

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<td>3459</td>
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<tr>
<td>3476</td>
<td>ESR transfer pipettes</td>
<td>500</td>
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</tbody>
</table>

*Pedi-Rate™ is a trademark of Globe Scientific Inc.*
EZ-Rate™ offers a simple, safe, economical and highly-accurate method for performing Westergren ESR determinations directly in a 13mm sodium citrate blood collection tube.

The polystyrene EZ-Rate™ pipette is graduated from 0 to 180mm and features a unique fibrous plug located at the zero mark. The plug is specifically designed to be a self-sealing aerosol barrier that stops hazardous substances from escaping through the top of the pipette.

To use, simply insert the EZ-Rate™ pipette into the blood collection tube. Then, using continuous force, push the pipette down to the bottom of the tube. The blood will automatically rise into the pipette and stop at the zero mark. Place the test unit in the ESR rack (item #3452). At the end of 60 minutes the numerical results are read in millimeters directly from the imprinted scale on the pipette.

**Ordering Information**

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<th>Item #</th>
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<td>3479</td>
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<td>3459</td>
<td>Acrylic leveling platform</td>
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EZ-Rate™ is a trademark of Globe Scientific Inc.
Sedigren™ offers a unique approach to performing simple, safe, economical and highly accurate Westergren ESR determinations.

The polystyrene Sedigren™ pipette is graduated from 0 to 160mm and features a special piston located inside the pipette. The piston is designed to use a syringe-like action to draw the blood up to the zero mark. This method eliminates user error and the possibility of air bubble and aerosol formation.

The polypropylene Sedigren™ vial features a removable stopper that is easily pierced with a transfer pipette. The vial is supplied pre-filled with 0.25mL of 3.8% trisodium citrate diluent.

To perform the ESR test, simply add 1mL of EDTA-treated blood into the Sedigren™ vial and invert several times to mix. Insert the pipette through the stopper and push to the bottom of the vial. Place the test unit in the appropriate rack. Then, while holding the pipette down, pull up on the plastic piston until the blood reaches the zero mark. If desired, continue pulling until the piston snaps off at its prescored mark leaving a residual safety plug in the pipette. At the end of 60 minutes, the numerical results are read in millimeters directly from the imprinted scale on the pipette.

The use of Sedigren™ eliminates splashing, spraying and aerosol hazards, making it an optimum choice for ESR testing in the laboratory.

**Ordering Information**

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<th>Description</th>
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<td>3452</td>
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<td>3472</td>
<td>10-place polystyrene rack</td>
<td>Each</td>
</tr>
<tr>
<td>3459</td>
<td>Acrylic leveling platform</td>
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</tr>
<tr>
<td>3476</td>
<td>ESR transfer pipettes</td>
<td>500</td>
</tr>
</tbody>
</table>

*Sedigren™ is a trademark of Globe Scientific Inc.*
10-Place Rack with Pipette Support Clamps

This unique rack features support clamps that hold the pipettes in a perfectly vertical position. When used in conjunction with our acrylic leveling platform (item #3459), you are assured of the most accurate results. For use with Sedi-Rate®, Pedi-Rate™, EZ-Rate™ and Sedigren™ ESR Systems.

10-Place Polystyrene Rack

This rack has been designed for use with the Sedi-Rate® and Sedigren™ ESR Systems.

Acrylic Leveling Platform

This durable platform has a leveling bubble and four adjustable feet. It is used in conjunction with our ESR racks to ensure a completely level testing surface.
DISPOSABLE LABORATORY PLASTICWARE

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CONTAINERS
CYTOLOGY PRODUCTS
DRUG TEST CONTAINERS
FUNNELS
HISTOLOGY PRODUCTS
MICROBIOLOGY
MICROCENTRIFUGE TUBES

MICROHEMATOCRIT TUBES
MICRO TEST PLATES
PIPETTE TIPS
PIPETTES
RACKS
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