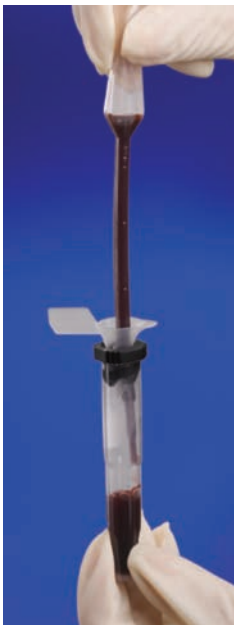
The safest & easiest
Autozero Westergren ESR products on the market.

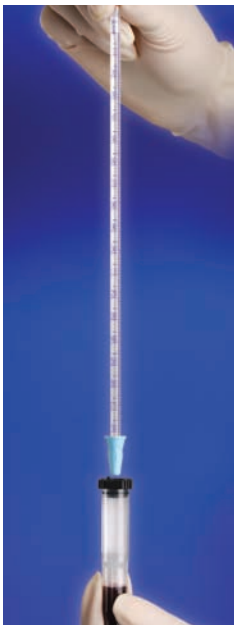
The ***Erythrocyte Sedimentation Rate (ESR)*** is a non-specific test that alerts physicians to the possible presence of inflammation or abnormality in the body. The ESR is determined by measuring, in millimeters per hour, the distance red cells have fallen after separating from the plasma in a vertical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

Globe Scientific ESR products are the only systems that are completely closed, thereby offering the highest degree of safety.

Sedi-Rate™ Directions For Use



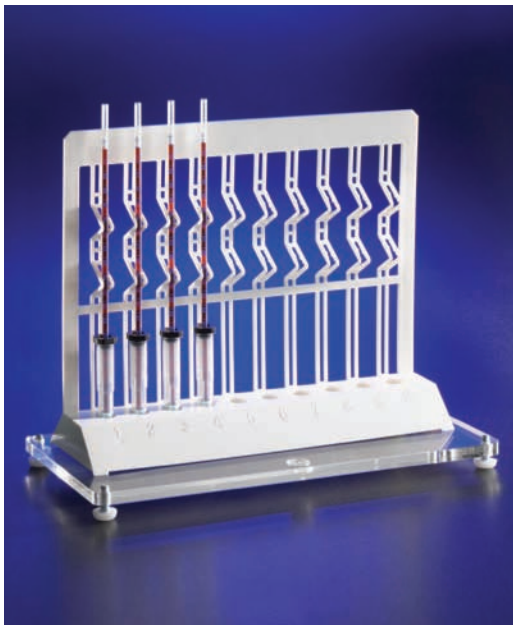
Add 1mL of EDTA-treated blood to the Sedi-Rate vial. (Pictured above using the optional piercing funnel and ESR transfer pipette). Invert several times to mix.



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.



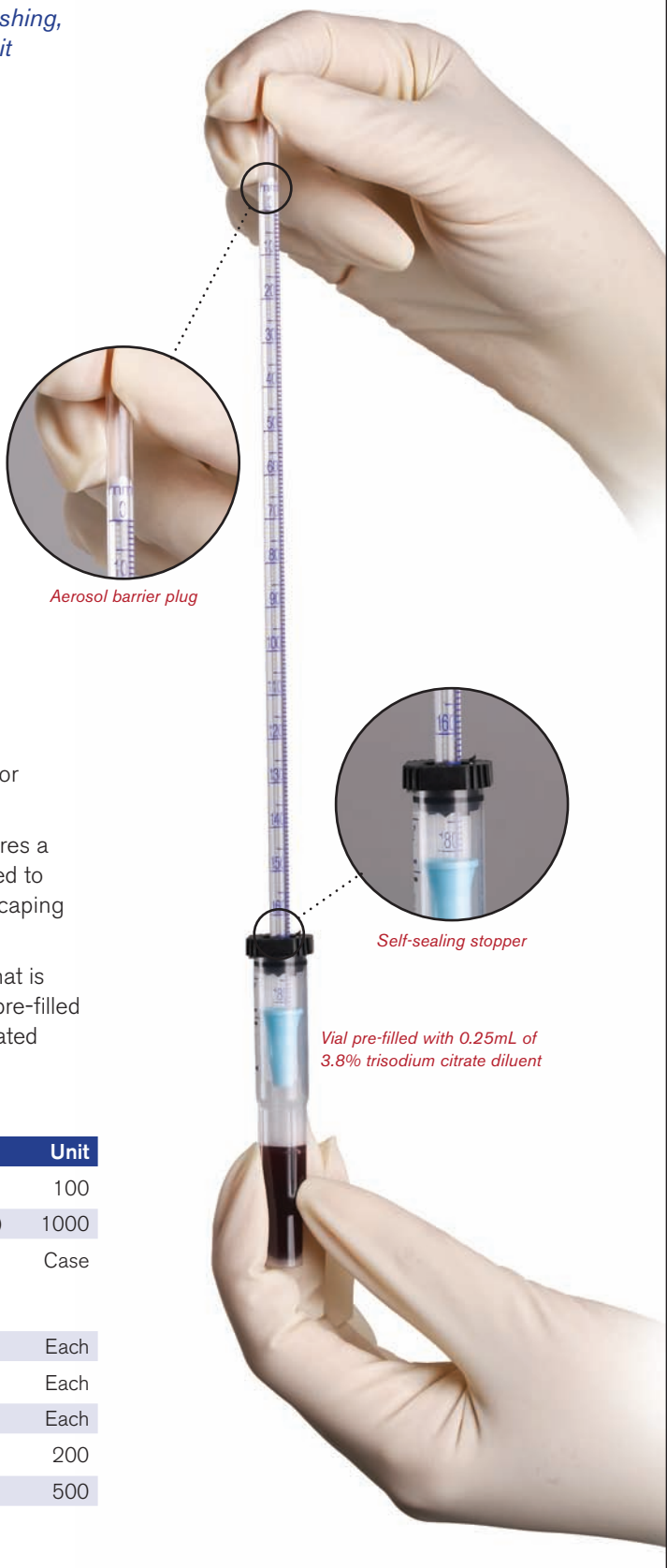
Place the test unit in the rack. At the end of 60 minutes, the numerical results can be read directly from the imprinted scale on the pipette.

Sedi-Rate™ E.S.R. System



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

- Westergren method
- Easy to use
- Closed system for optimal safety
- Shatter-proof plastic components
- Accurate and reproducible results
- Patented pierceable stopper
- Fibrous barrier protects user from hazardous aerosols
- CLIA waived test



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.

Ordering Information

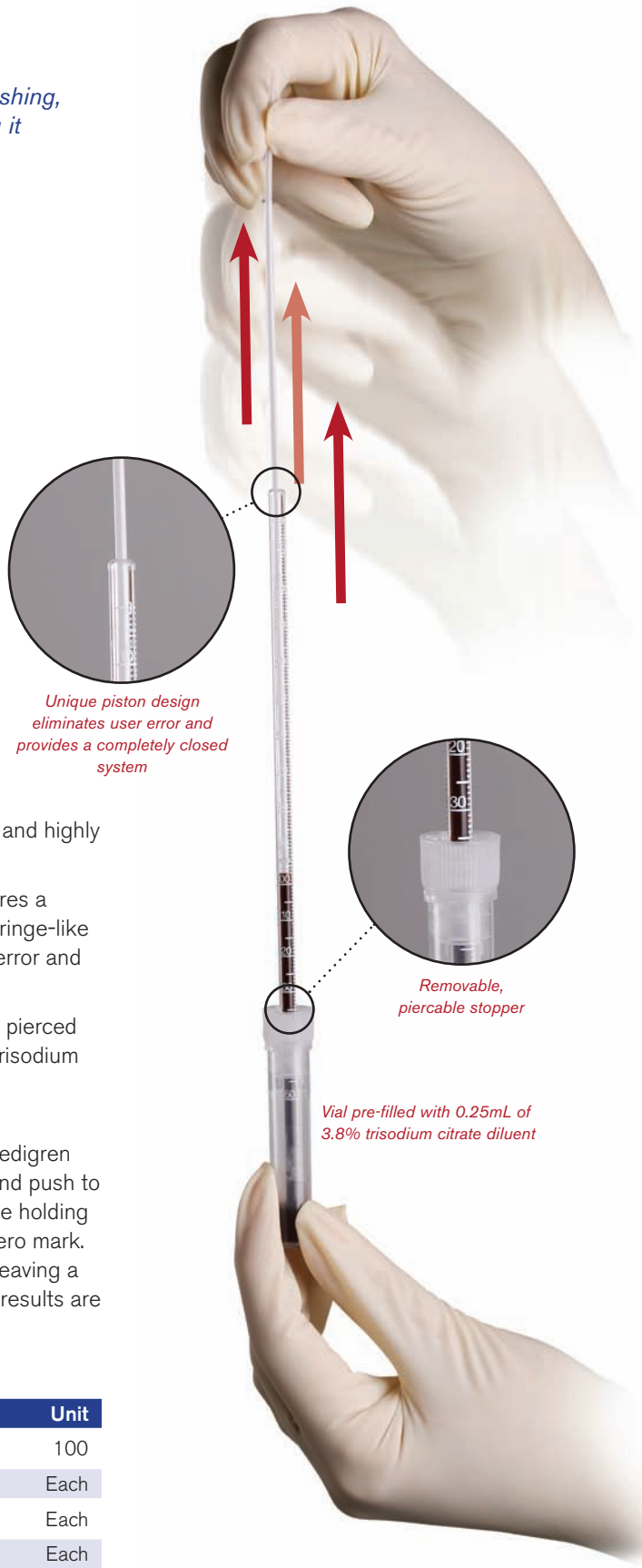
Item#	Description	Unit
3469	Sedi-Rate ESR System, 100 tests per box	100
3469B	Sedi-Rate ESR System, 1000 tests per case (100/box, 10 boxes/case)	1000
3467	Sedi-Rate ESR System Starter Kit: 100 Sedi-Rate pipettes and vials, 10-place rack with pipette support clamps, leveling platform, 100 piercing funnels and 100 ESR transfer pipettes	Case
3452	10-place rack with pipette support clamps	Each
3472	10-place polystyrene rack	Each
3459	Acrylic leveling platform	Each
3475	Piercing funnels	200
3476	ESR transfer pipettes	500

Sedigren™ E.S.R. System



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

- Westergren method
- Easy to use
- Unique pipette eliminates user error and air bubble formation
- Completely closed system for optimal safety
- Accurate and reproducible results
- Shatter-proof plastic components
- CLIA waived test



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.

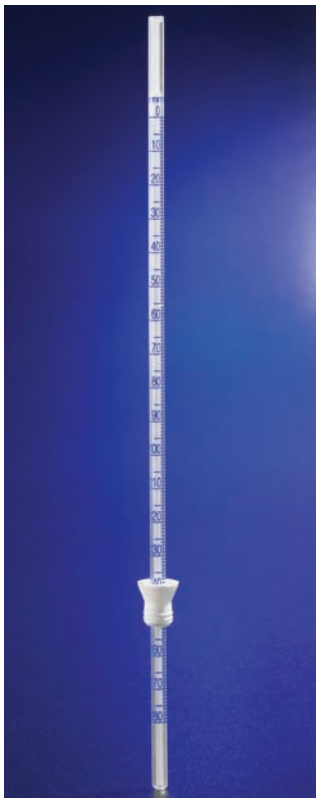
Sedigren directions for use:

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.

Ordering Information

Item#	Description	Unit
3450	Sedigren ESR System, 100 tests per box	100
3452	10-place rack with pipette support clamps	Each
3472	10-place polystyrene rack	Each
3459	Acrylic leveling platform	Each
3476	ESR transfer pipettes	500

EZ-Rate™ E.S.R. Pipette



The EZ-Rate™ Pipette eliminates blood transfer, splashing, spraying and aerosol hazards, making it an optimum choice for ESR testing in the laboratory.

It is specially designed for direct testing in 13mm blood collection tubes.

- Westergren method
- No need to transfer blood
- No additional vials, tubes or transfer pipettes necessary
- Accurate and reproducible results
- Fibrous barrier protects user from hazardous aerosols



Aerosol barrier plug

Determination performed directly from a 13mm blood collection tube – no need to transfer blood

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.

EZ-Rate directions for 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

Item#	Description	Unit
3479	EZ-Rate pipettes	100
3452	10-place rack with pipette support clamps	Each
3459	Acrylic leveling platform	Each

Kits, Racks, Supports & Accessories



Sedi-Rate® Starter Kit

Everything you need to perform safe and accurate Westergren ESR determinations.

Item #	Description	Unit
3467	100 Sedi-Rate pipettes and vials, 10-place rack with pipette support clamps, leveling platform, 100 piercing funnels and 100 ESR transfer pipettes	Case



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, Sedigren and EZ-Rate ESR products.

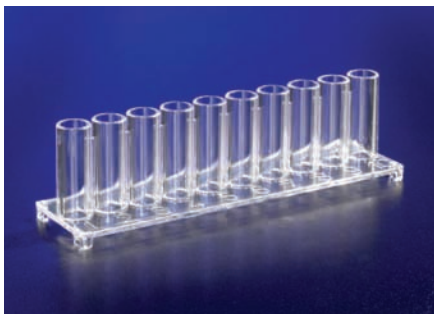
Item #	Description	Unit
3452	ESR rack with pipette support clamps	Each



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.

Item #	Description	Unit
3459	Acrylic leveling platform	Each



10-Place Polystyrene Rack

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

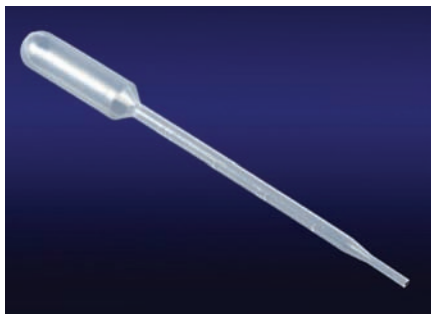
Item #	Description	Unit
3472	ESR rack, polystyrene	Each



Piercing Funnels

For use with the Sedi-Rate™ ESR System.

Item #	Description	Unit
3475	Piercing funnels	200



ESR Transfer Pipettes

For use with Sedi-Rate™ and Sedigren™ ESR Systems.

Item #	Description	Unit
3476	ESR transfer pipettes	500