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# 4

**SECTION 4**  
**BLOOD**  
**GROUPING**

## Blood Grouping Controls

Blood grouping controls in diagnostics are vital for ensuring the accuracy of blood type determination, which is essential for safe blood transfusions, organ transplants, and pregnancy management. These controls are standardised samples with known blood types (A, B, AB, O, and Rh factor) used to verify the performance of blood typing assays and equipment. By including both positive and negative controls in the testing process, laboratories can ensure that reagents are reacting correctly with antigens and antibodies, reducing the risk of errors in identifying a patient's blood group.

Using blood grouping controls regularly helps maintain the reliability of diagnostic tests, preventing potentially life-threatening transfusion reactions caused by incorrect blood typing. It also ensures consistency across different testing environments, whether in routine clinical laboratories or emergency settings. These controls allow for early detection of any technical issues with reagents, equipment, or the procedure itself, ensuring accurate and dependable blood group determination, which is critical for patient safety.

The Fortress Seraqual ABO-Rhesus Blood Grouping Quality Control Set is available in a liquid stable format for convenience and ease-of-use and covers all major blood types. The controls are supplied with instrument and method specific assigned values.



Lyophilised



Liquid Frozen



Liquid Stable



100% Human Serum



Assayed Target Values Provided

### ABO-Rhesus Blood Grouping Control Set

- Ready-to-Use
- Covers all major blood types.
- Total Blood Kit.

#### Analytes

A AB	B O	Rhesus Rh	Kell Phenotype
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Description	Details	Size	Cat No.	Type
<b>ABO-Rhesus Blood Grouping Control Set</b>	For use Rh-reagents and Anti-K Monoclonal	4 x 4 ml	BXC0070A	LS
<b>Monoclonal Anti-D Negative Control</b>		1 x 10 ml	BDNC0010	LS
<b>Precise Weak Anti-D Control</b>	Sensitivity Control for AHG	1 x 5 ml	BGWD0005	LS