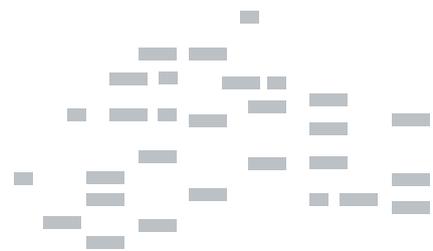




World class technology.  
Results that make a difference.

ORTHO BioVue™ Technology



For more than 10 years, thousands of immunohaematology professionals around the world have relied on the ORTHO BioVue™ system. Used manually or with the fully automated ORTHO AutoVue® Innova Systems, the ORTHO BioVue™ system is ideal for both routine and specialised analyses. The unique column agglutination technology (CAT) of the ORTHO BioVue™ system is easy to use—and delivers incredibly fast, accurate and standardised results.

## Technology Overview

The column agglutination technology of the ORTHO BioVue™ system works simply and effectively:

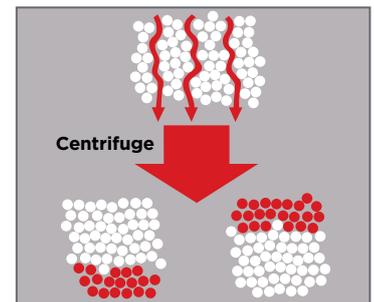
1. Six micro-column cassettes come prefilled with diluents or reagents.
2. The red cells being tested are placed in the chamber above the column.
3. Upon centrifugation, red cells are forced through the bead column.
4. The spherical beads act as a filter, trapping the agglutinated cells while allowing non-agglutinated ones to pass through pre-dispensed reagents.



## Enhanced Safety and Security

The ORTHO BioVue™ system utilises column agglutination technology that is considered the gold standard for manual and automated blood bank testing. The ORTHO BioVue™ system standardises blood typing procedures while offering:

- + Improved sensitivity and specificity
- + Greater safety and security
- + Objective, stable reactions
- + Reproducible results
- + No reagent carry-over
- + Less exposure to biohazardous waste



## Enhanced Productivity and Efficiency

It's easy to train staff to use the ORTHO BioVue™ system for your complete range of tests. Employees will quickly become comfortable and confident—and they'll work more efficiently thanks to:

- + Pre-dispensed reagents
- + "No-wash" technology
- + Two to three patient Ab screens per cassette
- + Reduced serum/red cell volumes
- + Minimal centrifugation time (5 min)
- + Fewer steps for the overall process including reading and recording

With the ORTHO BioVue™ system, you no longer need to shake tubes to detect agglutination, or even use a microscope for readings. And if you're using them with an automated system (such as ORTHO AutoVue® Innova), you can just load them and walk away.

ORTHO BioVue® Cassette Configuration						
Name	1	2	3	4	5	6
ABO-Rh/Reverse	Anti-A	Anti-B	Anti-D	Control	Reverse Diluent	Reverse Diluent
ABDD/K	Anti-A	Anti-B	Anti-D	Anti-D	Anti-K	Control
ABO-Rh	Anti-A	Anti-B	Anti-A,B	Anti-D	Anti-CDE	Control
ABODD	Anti-A	Anti-B	Anti-A,B	Anti-D	Anti-D	Control
Reverse Diluent	Reverse Diluent					
ABD Confirmation	Anti-A	Anti-B	Anti-D	Anti-A	Anti-B	Anti-D
ABO-Rh/DAT	Anti-A	Anti-B	Anti-A,B	Anti-D	Control	Anti-IgG
DAT	IgG	C3bC3d	Control	IgG	C3bC3d	Control
Rh-hr	Anti-D	Anti-C	Anti-E	Anti-c	Anti-e	Control
Rh/K	Anti-C	Anti-E	Anti-c	Anti-e	Anti-K	Control
Kell/Control	Control	Anti-K	Control	Anti-K	Control	Anti-K
Kell	Anti-K	Anti-K	Anti-K	Anti-K	Anti-K	Anti-K
AHG Polyspecific	Anti-IgG, C3d; Polyspecific					
AHG Anti-IgG	Anti-IgG	Anti-IgG	Anti-IgG	Anti-IgG	Anti-IgG	Anti-IgG
AHG Polyspecific/ Neutral	Anti-IgG, C3d; Polyspecific			Neutral		
Neutral	Neutral					

For more information contact your Ortho Clinical Diagnostics representative or visit [www.orthoclinical.com](http://www.orthoclinical.com)